EL-MOASSER

# Mathematics

By a group of supervisors

PARENTS' GUIDE

Interactive E-learning Application

GPS

بتصريح وتحت إشراف
MINISTRY OF EDUCATION AND TECHNICAL EDUCATION

Part 2

DISCOVER

1st PRIMARY
FIRST TERM
2024

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# CHAPTER 1

## • Outcomes of lessons

### ▶ Lessons 1 & 2

- Identify the month, day and date.
- Count 3 objects.
- Compare 3 objects by size, shape and color.

### ▶ Lessons 3 to 6

- Identify the month , day and date.
- Count 5 objects.
- Count up to 5 using a number line.
- Answer questions about data.
- Count 4 objects.
- Compare 5 objects by size, shape and color.
- Compare quantities.

### ▶ Lessons 7 to 10

- Identify the month, day and date.
- Show quantities up to 3 in pictures.
- Write numbers from 0 to 5.
- Arrange numbers from 0 to 5

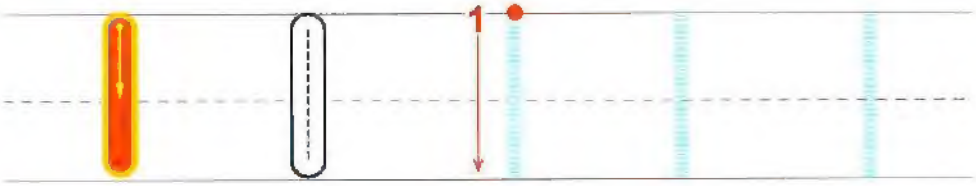
Lessons
# 1 & 2

- Numbers up to 3
- Same / Different

## One

**Circle the group of 1.**

**Trace and write.**



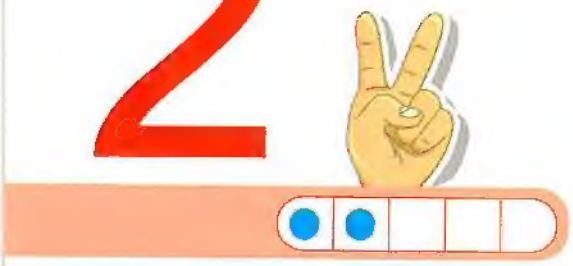

Scan the QR code and enjoy playing with your child.

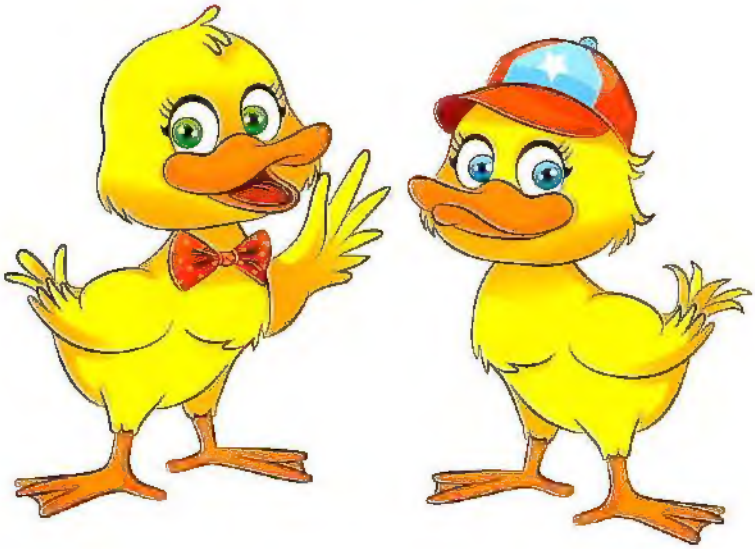
play & learn

**Notes for parents**

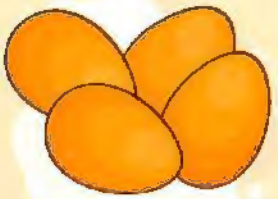
- Let your child have fun finding things to count at your home.

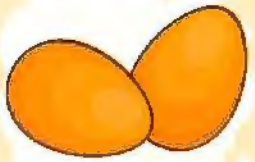
# 2 Two

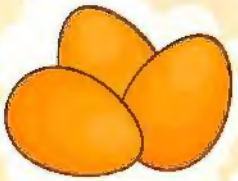




**Circle the group of 2.**





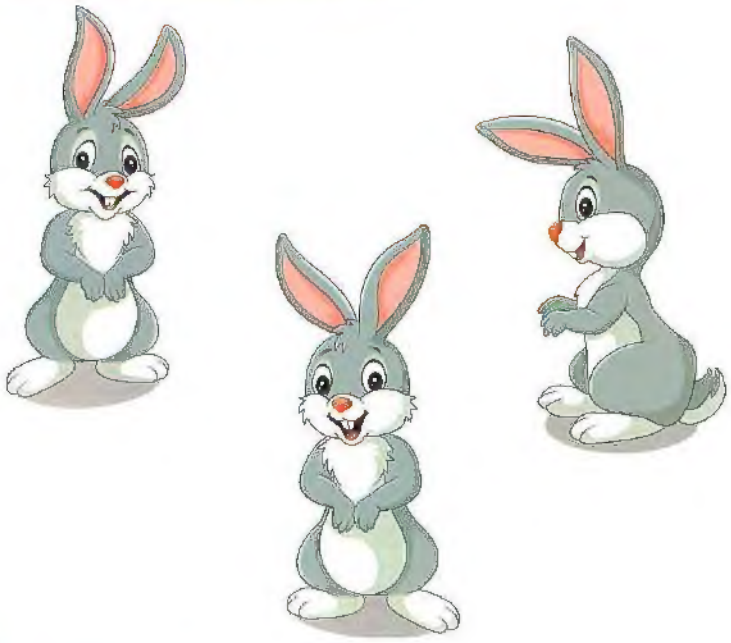


## Trace and write.

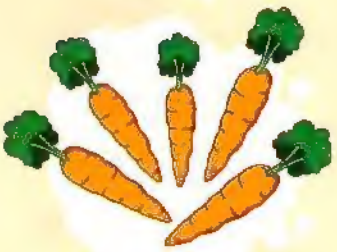
2 2 2 2 2 2

- Fill a container as shoe box with sand and help your child to use his/her finger to write the number 2 in the sand.

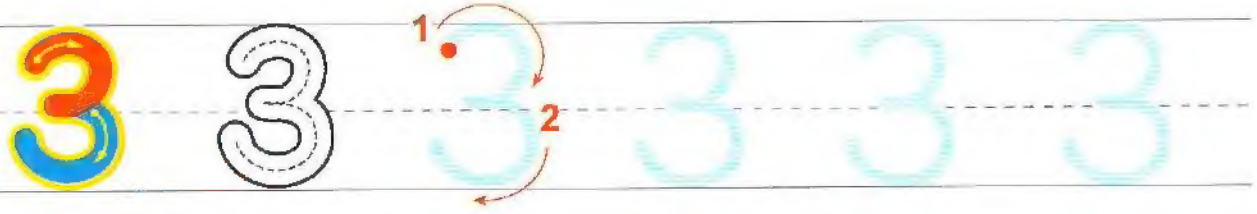
# 3 Three



**Circle the group of 3.**



## Trace and write.




**Notes for parents**

- Place a sheet of paper on the floor. Let your child dip a finger into a jar of paint and write 3 on the paper.

## Same / Different

This is the **same** as this

This is **different** from this

### Different colors

### Different sizes

### Different shapes

- Ask your child to find 2 items they look like the same in shape, color and size.
- Let your child recognize the differences between the items such as: size, color or shape.

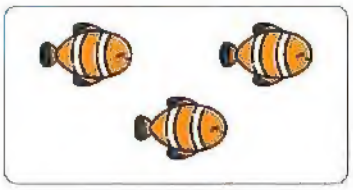
# Exercise 1

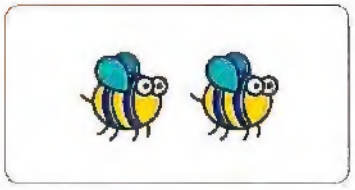
On Lessons 1 & 2

- Numbers up to 3
- Same / Different

## Numbers up to 3

### Join according to the number.





1 2 3

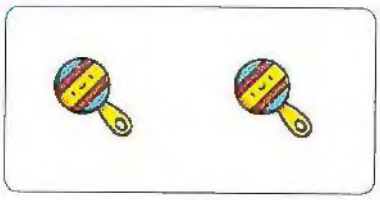
### Circle the group according to the number.

| | | | |
|---|---|---|---|
| 2 | | | |
| 3 | | | |
| 1 | | | |

### Color ♥ s according to the number.

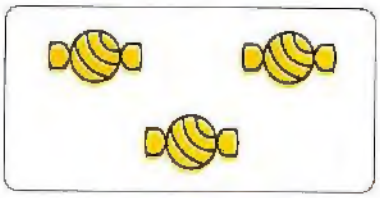
| | | | |
|---|---|---|---|
| 2 | | | |
| 1 | | | |
| 3 | | | |

## Count. Circle the number.



1 2 3

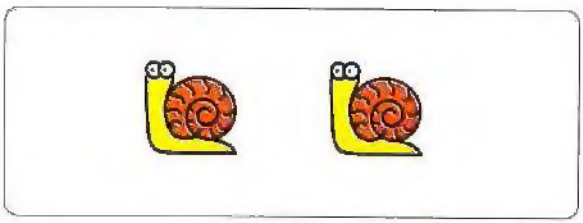
2 3 1



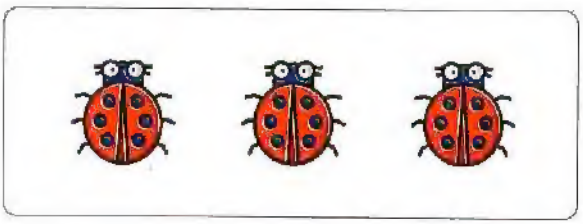
1 3 2

One Two Three

Two One Three



Three One Two



Two Three One

## Circle the numbers that are the same as the words.

| | | | |
|---|---|---|---|
| Two | 1 | 2 | 3 |
| One | 3 | 1 | 2 |
| Three | 2 | 3 | 1 |

## Count. Match.

1

Two

2

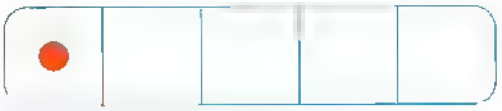
Three

3

One

## Join according to the raised fingers.

1



2

3

## Draw ● according to the number.

Two

One

Three

## Trace and write the number 1.

1

## Trace and write the number 2.

1

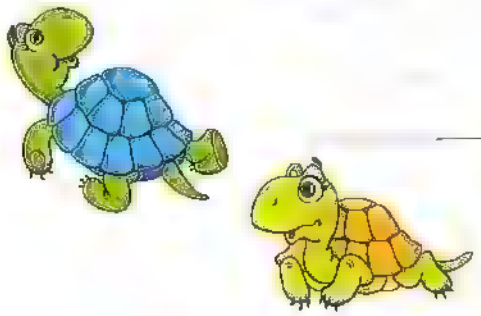
2

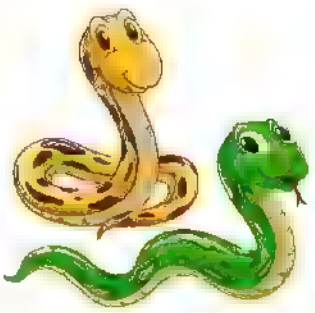
## Trace and write the number 3.

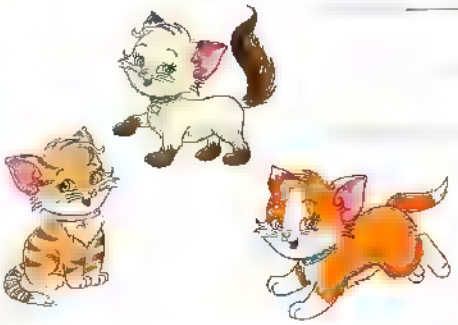
1

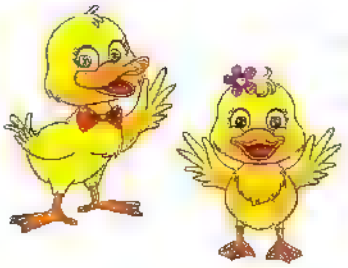
2

## How many are there ? Write the numbers.







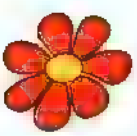
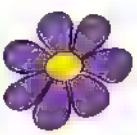


## How many birds are there ? Write the numbers.

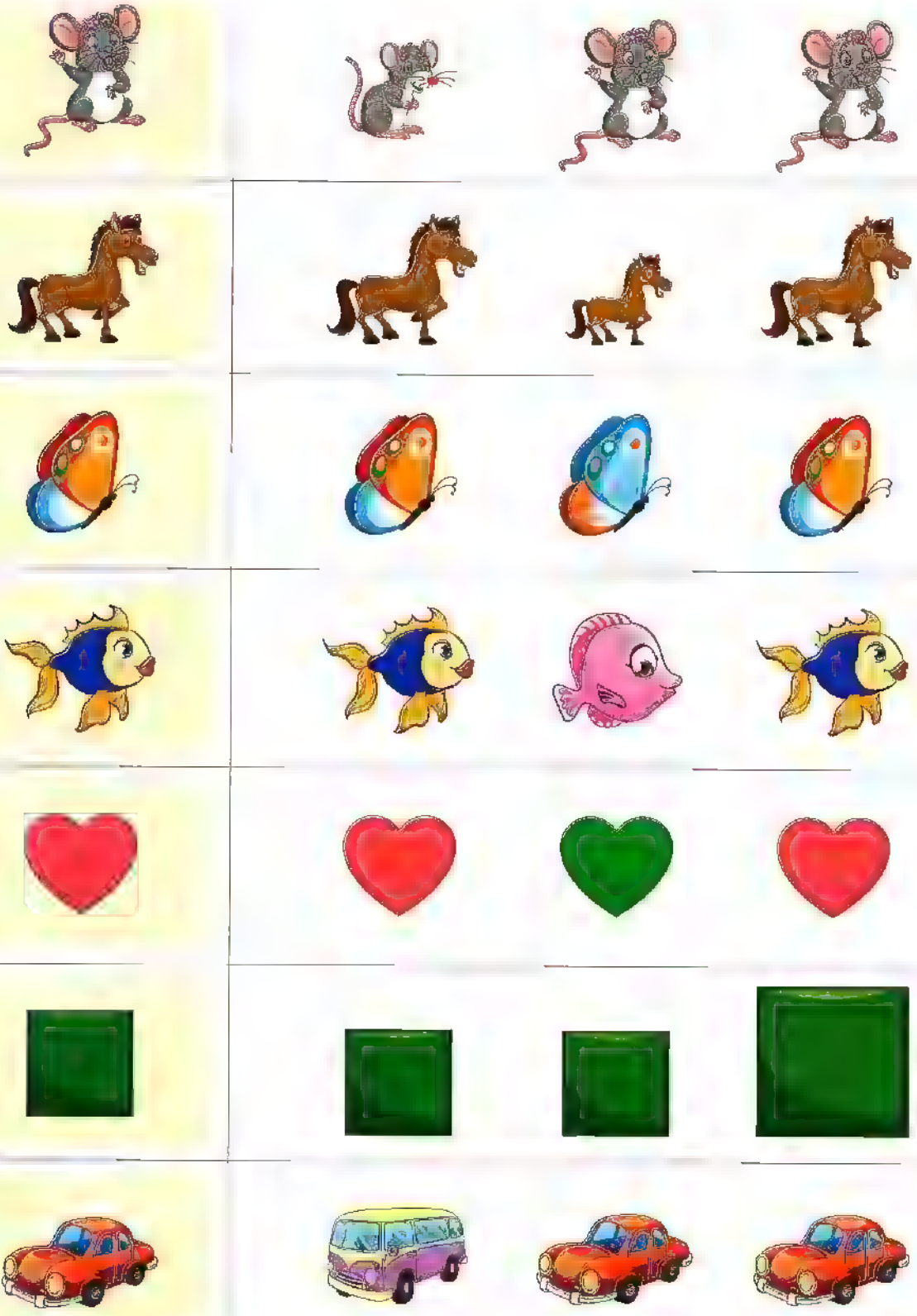
## Count the raised fingers. Draw dots according to the number. Write the number.

## Same / Different

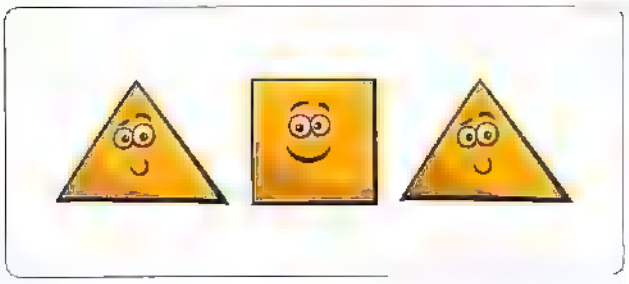
In each row, circle the picture that is the **same** as the first one.

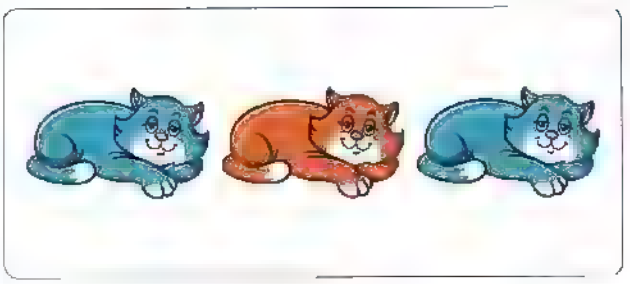



In each row, circle the picture that is **different** from the first one.

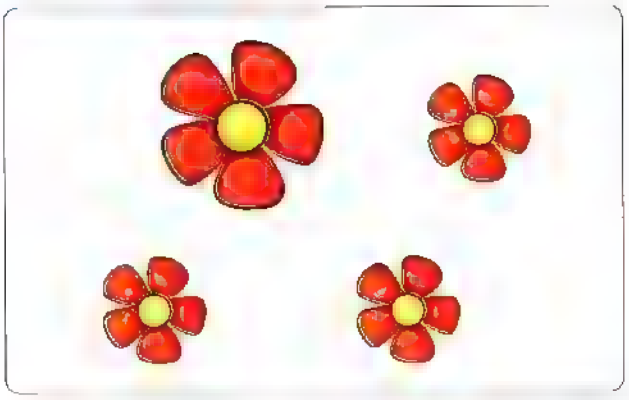


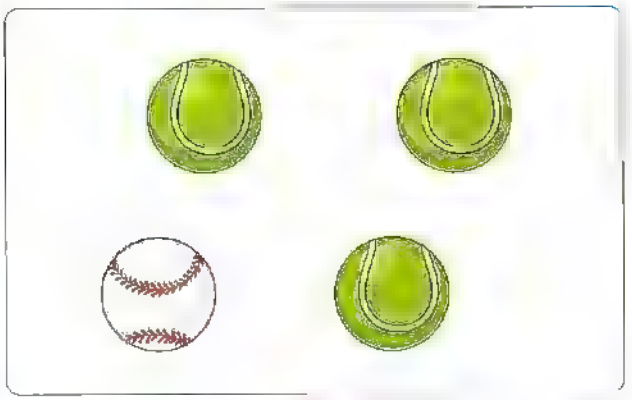
## In each group, circle the picture that is different.

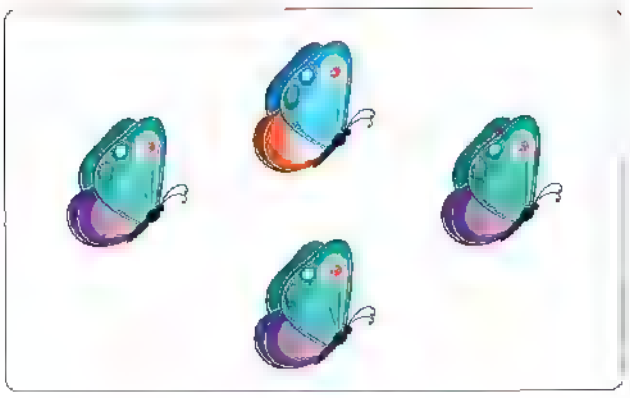


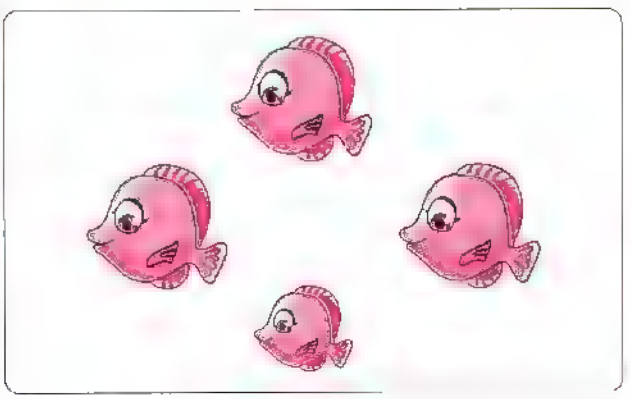


## In each group, cross out the picture that is different.









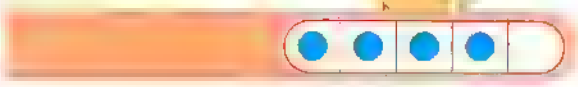
Place a smiley face

Lessons

# 3 to 6

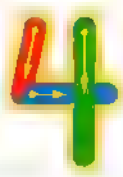
- Counting up to 5
- The number line
- Graph

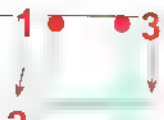
# 4 Four



**Circle the group of 4.**

**Trace and write.**

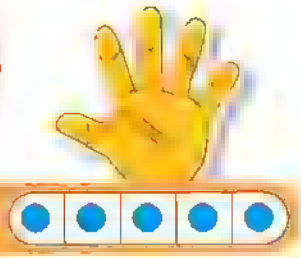





**Notes for parents**

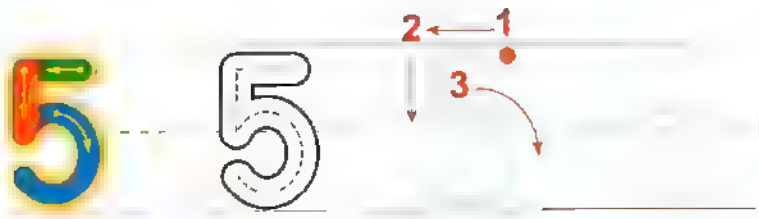
- Let your child write 4s in the sand with his/her finger. He/she can drop water from an eye dropper along the 4s to darken the sand numbers.

# 5 Five



**Circle the group of 5.**

## Trace and write.




**Notes for parents**

- Let your child find items at home and ask him/her to collect 4 or 5 of them such as 4 spoons, 5 plastic cups or 5 pencils.

## The number line

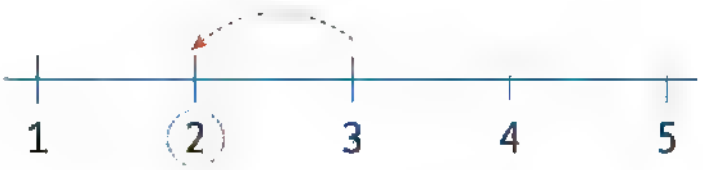
The number line is a line of numbers that go in order.
The spaces between marks are equal.

***The numbers go greater when counting.***

## Examples

**› From the number line you can notice different data as :**

- 2 is one less than 3




- 3 is one less than 4

- 5 is one more than 4

- 4 is one more than 3

• Ask your child to count in order from 1 to 5.

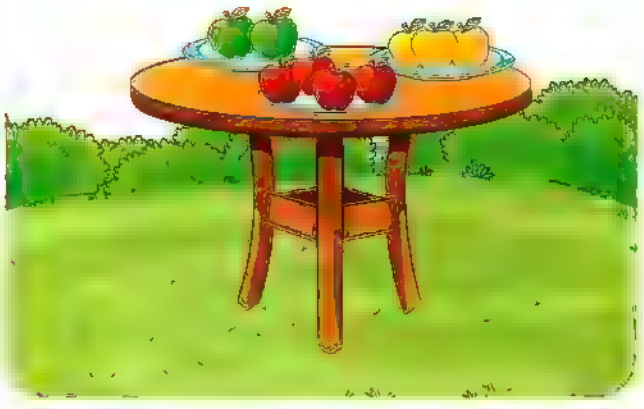
## Graph

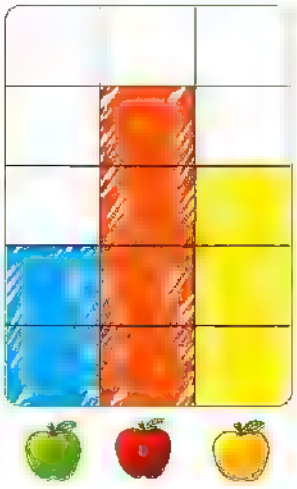
A graph is a way to show data in a picture.

Data is another word of information.

Graphs are helpful when you want to compare pieces of information.

### Example





Each box represents one item.

**From the graph, you can read some data as.**

- The number of is 2.
- The number of is 4.
- The number of is 3.
- The green apples are the fewest.
- The red apples are the most.
- The total number of and is 5.

Notes for parents

- Help your child to use graphs to classify objects at home and compare between their numbers.

# Exercise 2

On Lessons 3 to 6

- Counting up to 5
- The number line
- Graph

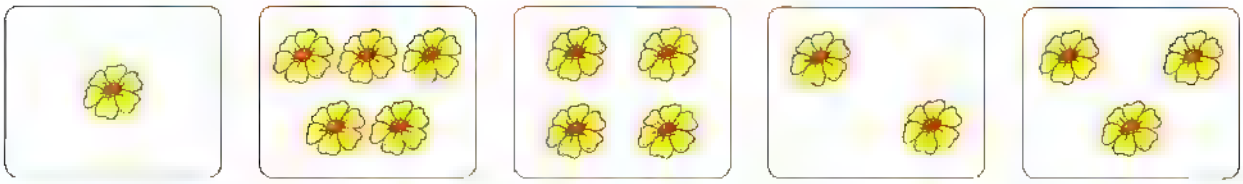
## Counting up to 5

### Join according to the number.

1 2 3 4 5

### Join.

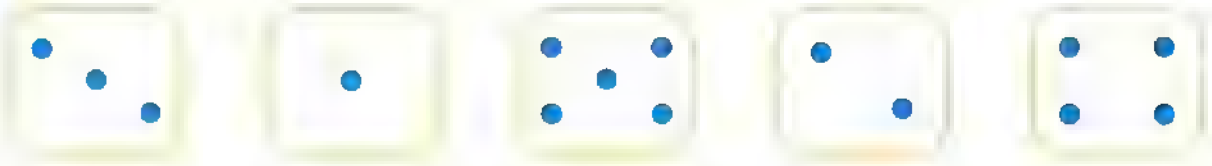
Two Four One Five Three



### Color s according to the number.

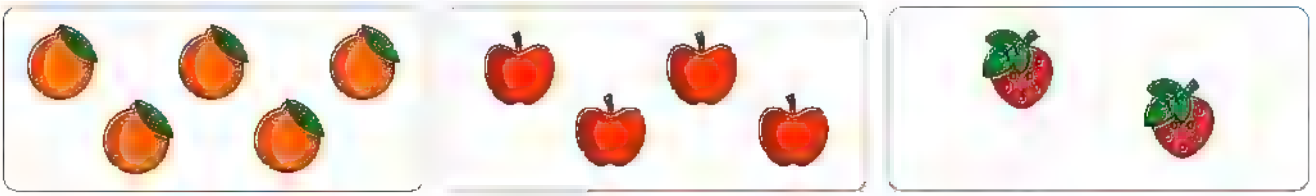
| | | | | | |
|---|---|---|---|---|---|
| 1 | ○ | ○ | ○ | ○ | ○ |
| 2 | ○ | ○ | ○ | ○ | ○ |
| 3 | ○ | ○ | ○ | ○ | ○ |
| 4 | ○ | ○ | ○ | ○ | ○ |
| 5 | ○ | ○ | ○ | ○ | ○ |

## Count the dots. Match.

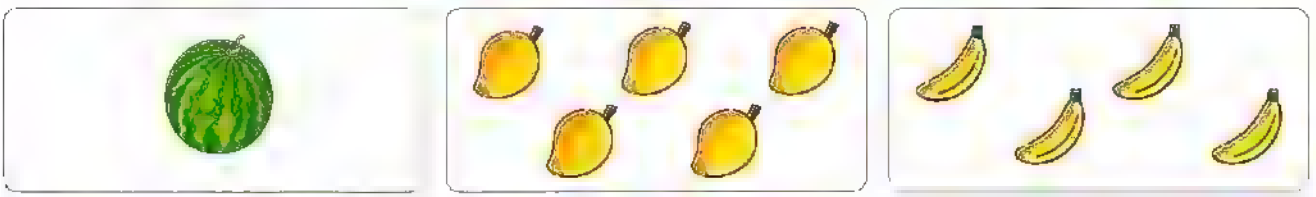


1 2 3 4 5

## Circle the number according to each group.



2 3 5 2 4 5 1 2 4



three one four three four five three four one

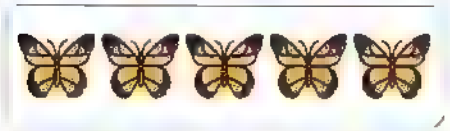
## Circle the numbers that are the same as the words.

| | | | | | |
|---|---|---|---|---|---|
| Five | 1 | 2 | 3 | 4 | 5 |
| Three | 1 | 2 | 3 | 4 | 5 |
| Four | 1 | 2 | 3 | 4 | 5 |
| Two | 1 | 2 | 3 | 4 | 5 |

## Count. Match.

3

Five

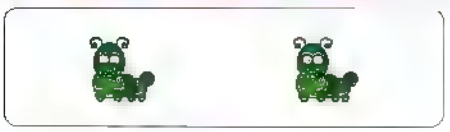


4

Three

1

One



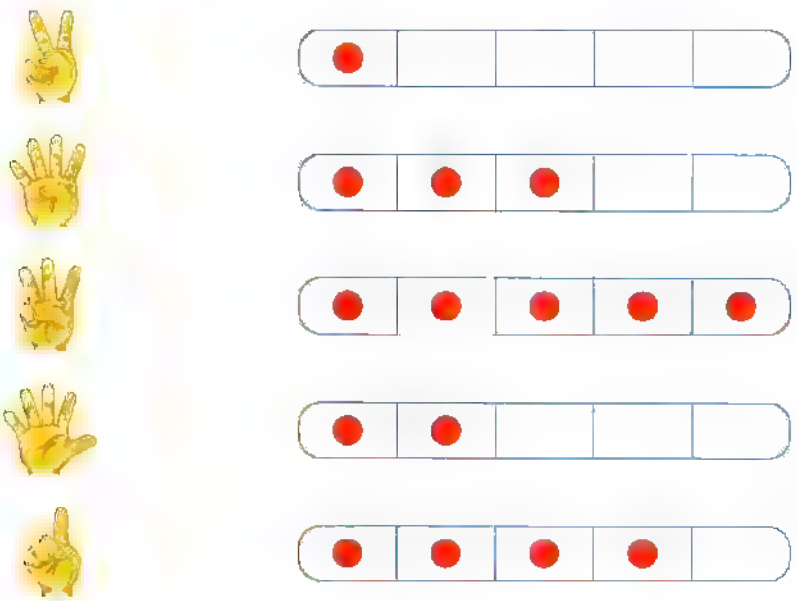
5

Two

2

Four

## Join according to the raised fingers.



1

2

3

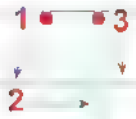
4

5

## Draw ● according to the number.

Four One Five Three

## Trace and write the number 4.



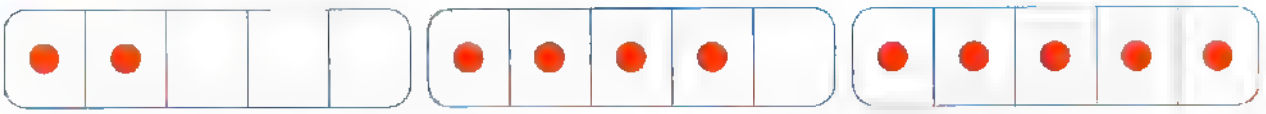
## Trace and write the number 5.

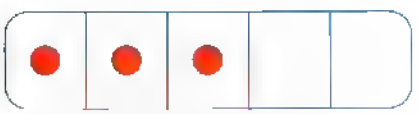
## Write the number.

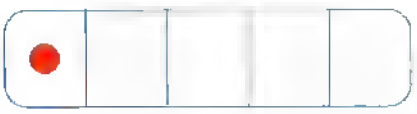
## How many fish are there ? Write the number.

## Count the raised fingers. Draw dots according to the number. Write the number.

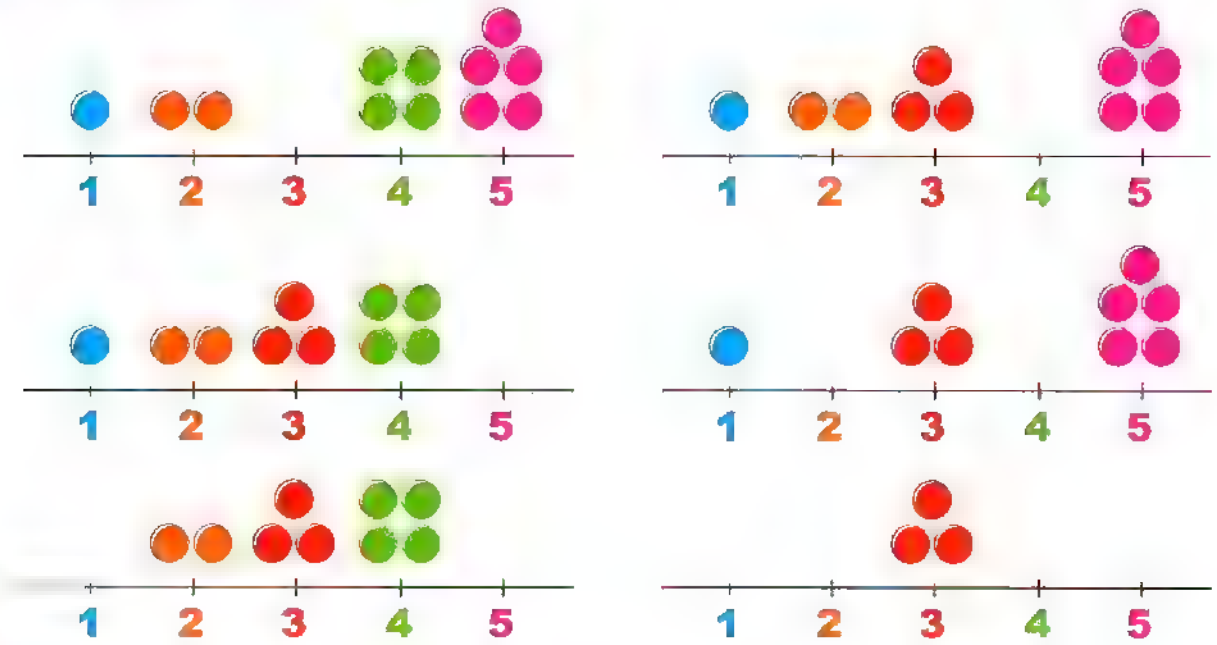
## Write the number of dots.







## Draw the missing dots according to its number on each number line.




## Write the missing numbers on each number line.

1 2 4 5

1 ___ 4 5

2 4

1 3 ___ 5

1 5

2 3 5

1 2

1 3

1 3 4

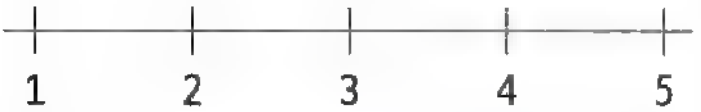
## Circle the correct number on the number line.

Go back one space

- One less than 4

- One less than 5

- One less than 2




- One less than 3

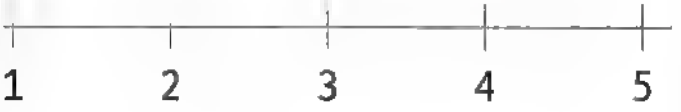
## Circle the correct number on the number line.

Go forward one space

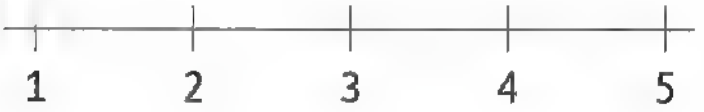
- One more than 3

- One more than 4

- One more than 1

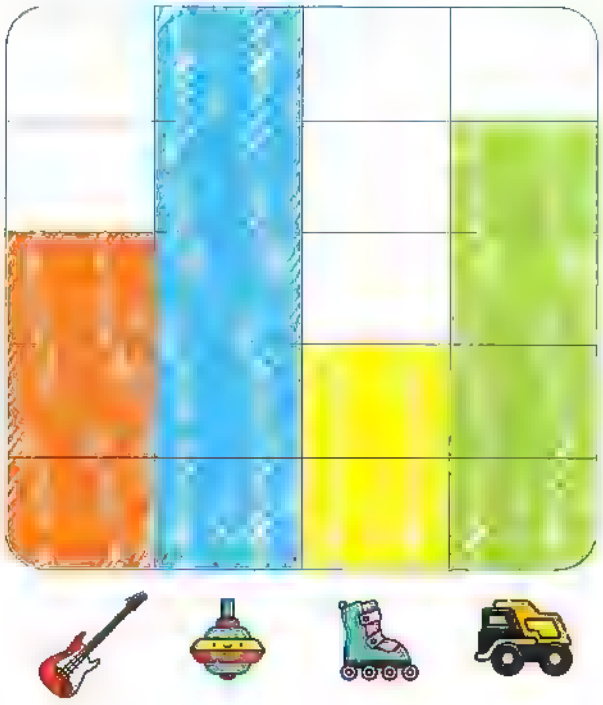



- One more than 2

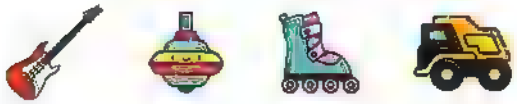


## Graph

**Use the graph to answer the question. Circle the correct answer.**



- Which item shows the most ?



- Which item shows the fewest ?

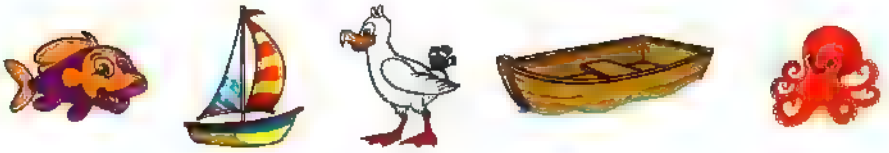
- How many are shown ? **3** or **4** or **5**
- How many are shown ? **2** or **3** or **4**
- How many are shown ? **2** or **3** or **4**
- How many and all together ? **3** or **4** or **5**
- How many are shown ? **3** or **4** or **5**

## Color to show how many of each item.

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

**Let's collect data**

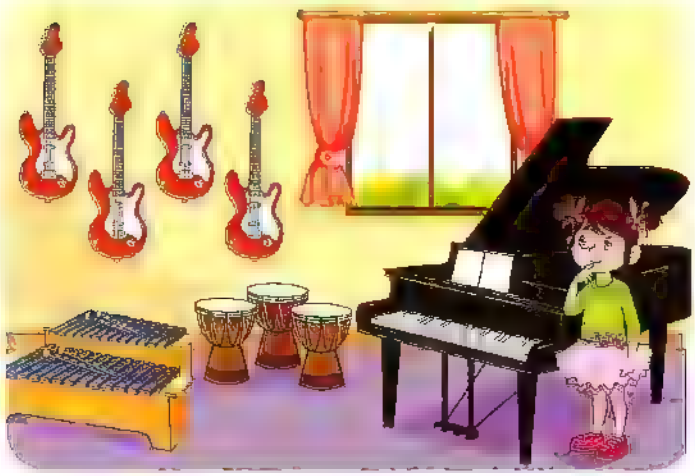
## Circle which item there is the most of.



Scan the QR code and enjoy playing with your child.

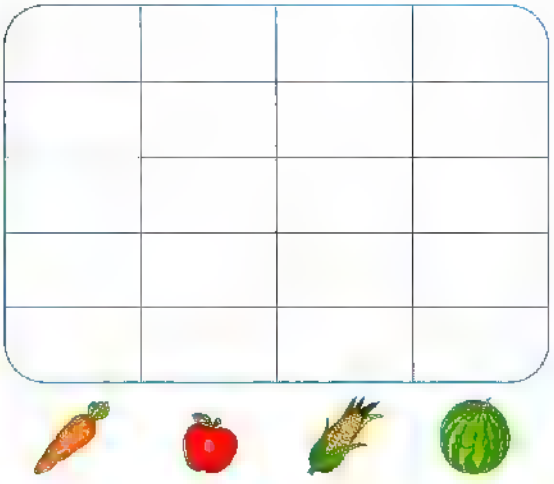
play & learn

## Color to show how many of each item.



- Which item there is the least of? Circle.

## Color to show how many of each item.



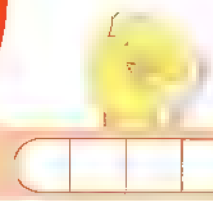
- Which item there is the most of? Circle.

Place a smiley face

Lesson 7 to 10

- Number 0
- Reviewing numbers from 1 to 5

# 0 Zero



**Circle the nest that have 0 birds inside.**

## Trace and write.

0 0

Notes for parents

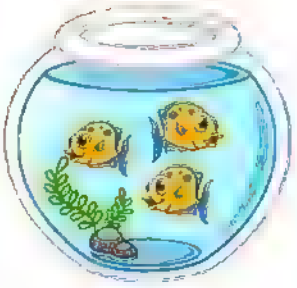
- Ask your child to show you a hand with some fingers showing and a hand with zero fingers showing.
- Ask your child to write the number 0 in the air.

# Review on writing the numbers from 1 to 5

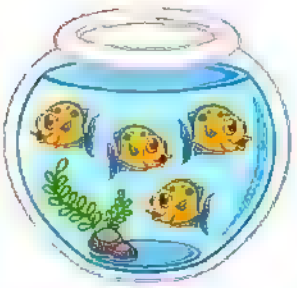
1

2

3



4



5

- Your child can use glue to draw a number from 1 to 5 on a paper and then sprinkle with seeds, rice or macaroni to make raised numbers.

# Exercise 3

On Lessons 7 to 10

- Number 0
- Reviewing numbers from 1 to 5

## Join.

One | Four | Zero | Two | Five | Three

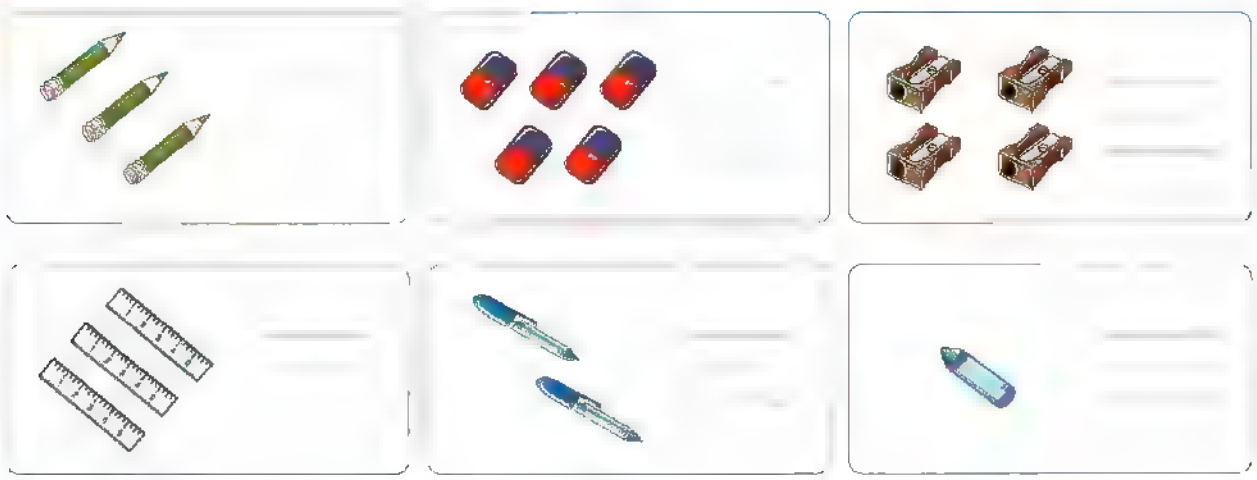
5 3 0 4 2 1

## Join.

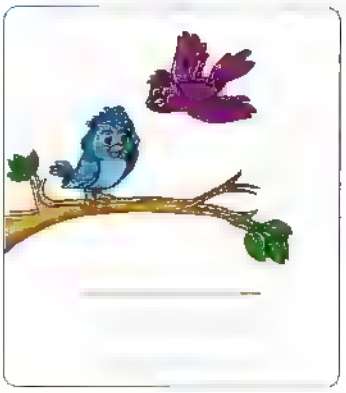
0 1 2 3 4 5

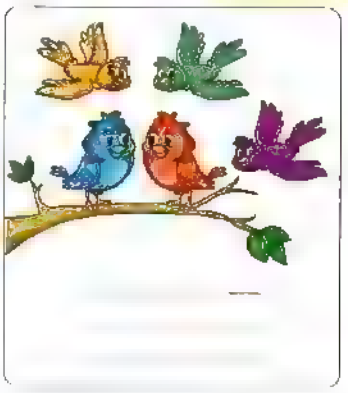
Four | Three | Five | Zero | Two | One

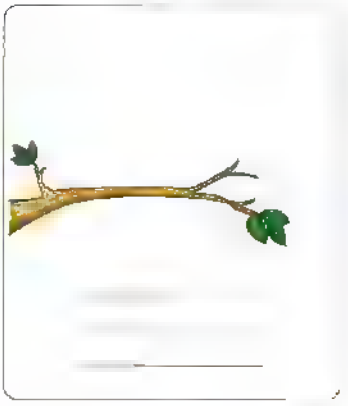
## Write the numbers.

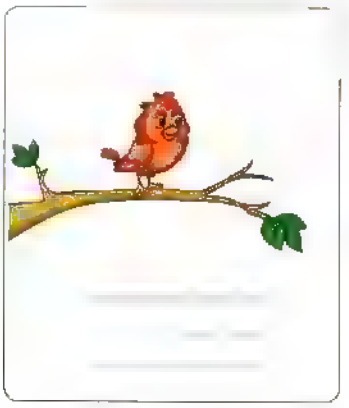


## How many birds are there ? Write the numbers.

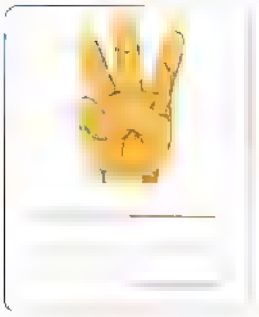


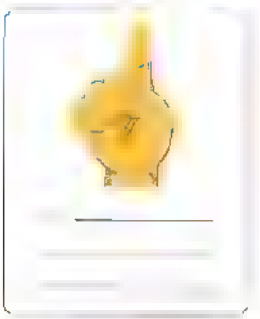


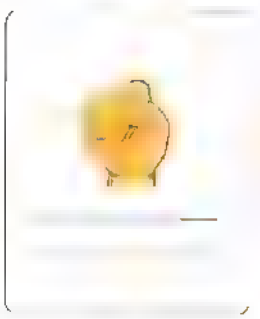


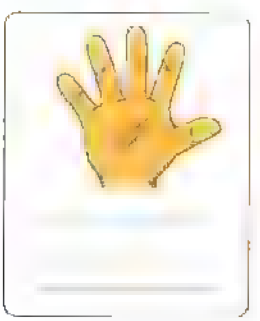


## Write the number of raised fingers.

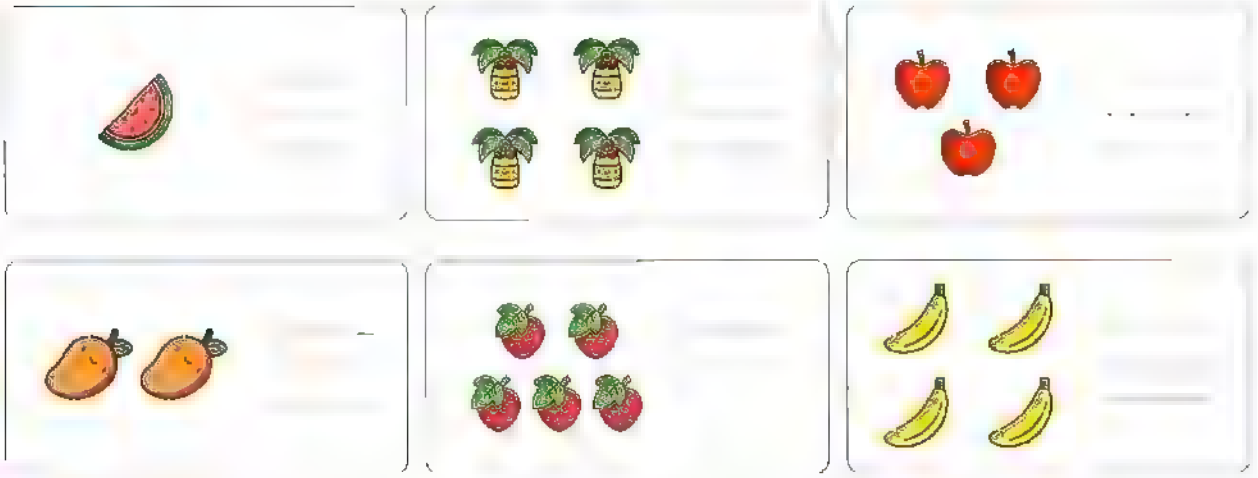




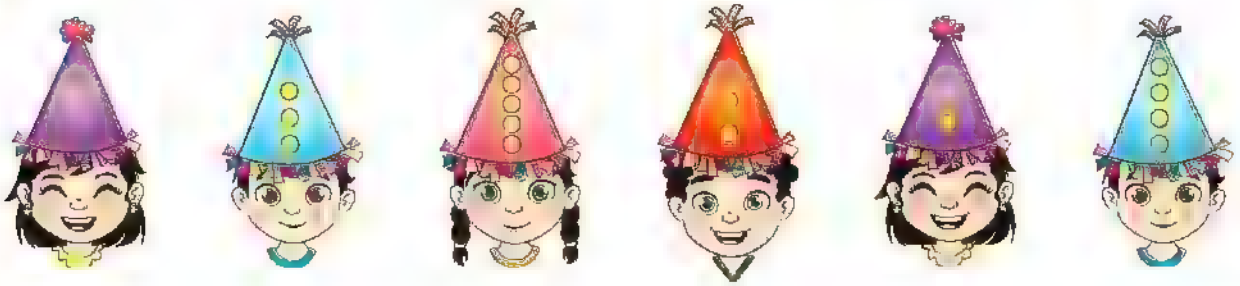




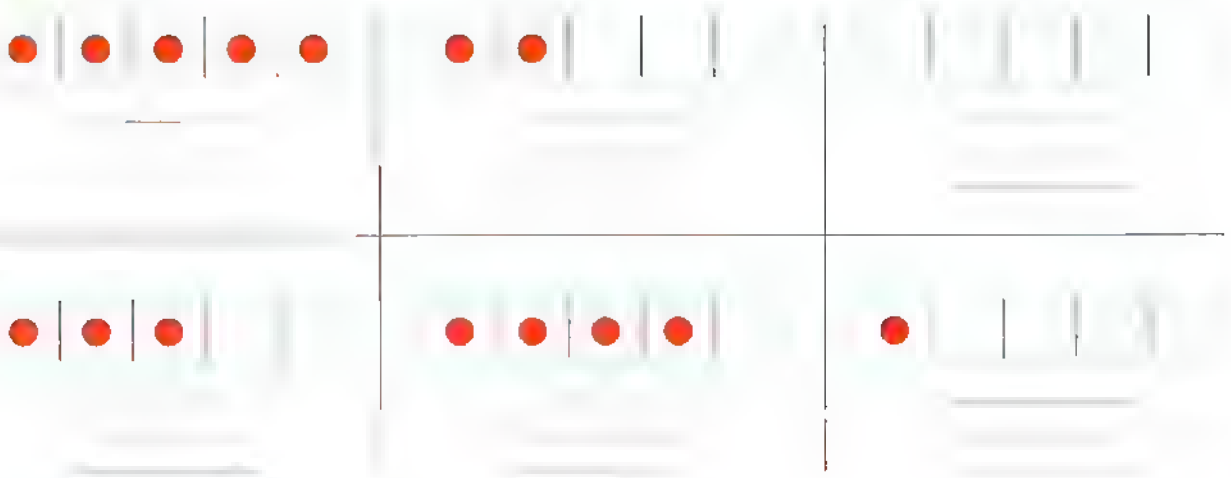
## Write the number that shows how many.



## Count the number of dots on each hat. Write the number.



## Count the number of dots in each frame. Write the number.

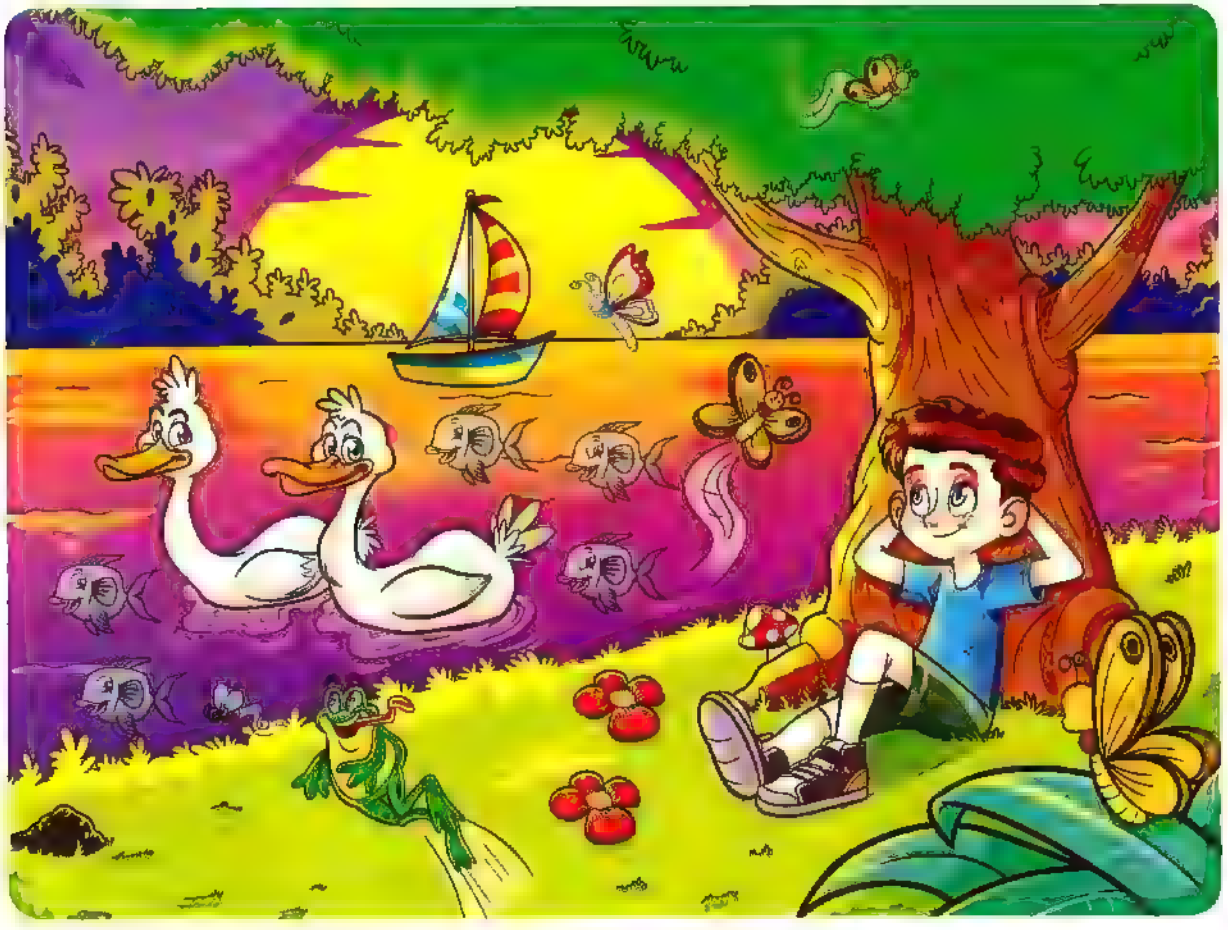


## Count and write the number of children.

## Discover the differences and choose their number.

1 2 3 4 5

## Count. Write the number of each item.



## How many ?

## Cross out the extra items to get the written number. Write the number of items you crossed.

| | | Cross out |
|---|---|---|
| 3 | | |
| 2 | | |
| 1 | | |
| 4 | | |
| 5 | | |

## Complete drawing ♡ s to get the written number. Write the number of ♡ s you drew.

4

2

3

5

1

5

Place a smiley face

# Art Corner

Chapter 1

Use the color codes to color the parrot.

Color the spaces using the color codes.

| | | |
|---|---|---|
| 5 | 0 Brown | 1 Orange |
| 3 Blue | 2 Gray | 4 Pink |

CHAPTER

# 2

## • Outcomes of lessons

### ▶ Lessons 11 & 12

- Participate in calendar math activities.
- Write numbers 6 and 7.
- Answer questions about data.
- Count up to 7.
- Represent quantities using pictures.

### ▶ Lessons 13 to 16

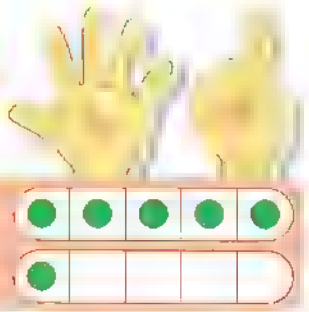
- Participate in calendar math activities.
- Write numbers 8 , 9 and 10.
- Answer questions about data.
- Count up to 10.
- Represent quantities using pictures.

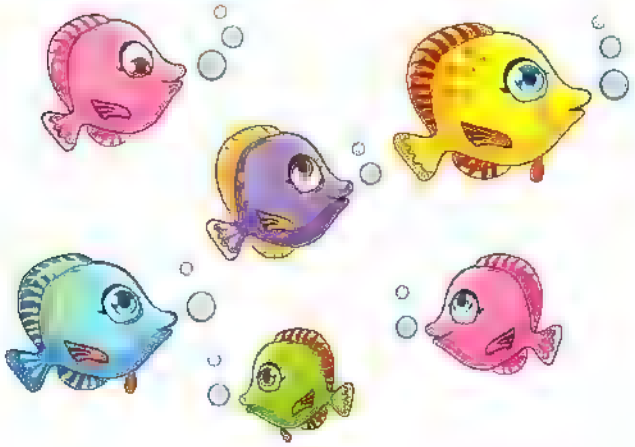
### ▶ Lessons 17 & 18

- Participate in calendar math activities.
- Identify numbers that are 1 less and 1 more than a given number
- Answer questions about data.
- Count, read and write numbers up to 10.
- Represent quantities from 1 to 10 using pictures.

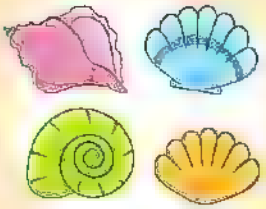
# Numbers 6 & 7

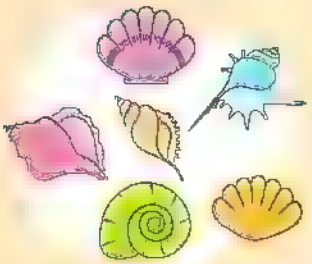
## 6 Six

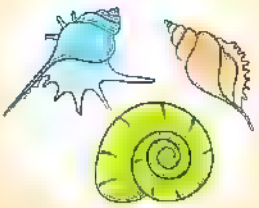




Circle the group of 6.

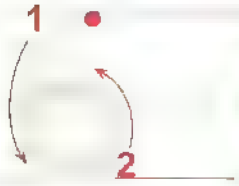






Trace and write.

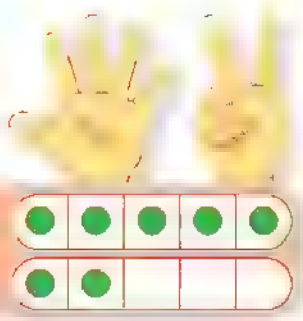
6 6

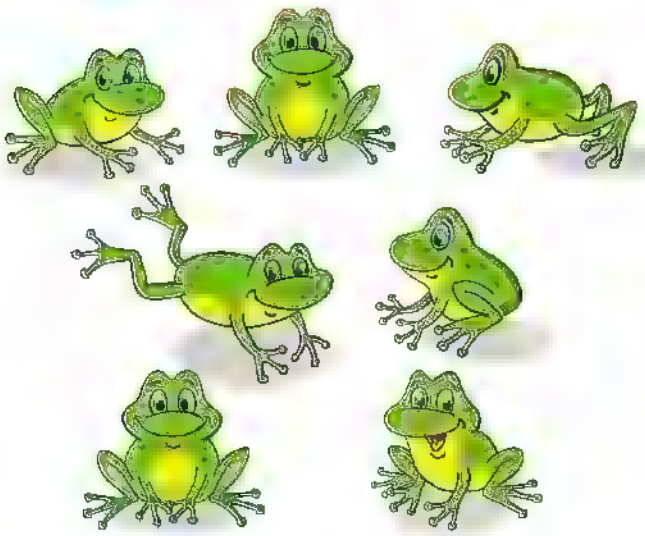



Notes for parents

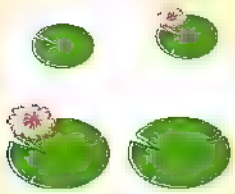
- Make a large 6 on the floor with chalk and invite your child to walk along the 6 making sure he/she starts at the right point.

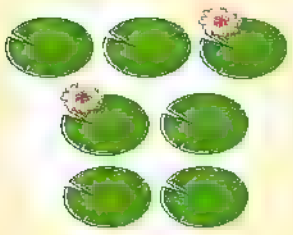
# 7 Seven

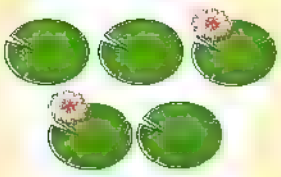




**Circle the group of 7.**

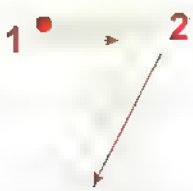






## Trace and write.

7 7



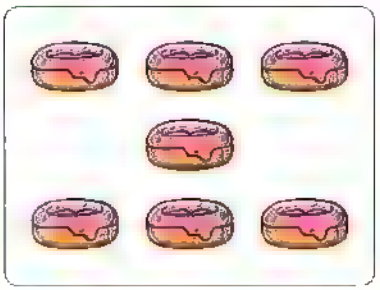

- Ask your child to find 7 things at home d fferent in sizes and find 6 things that have the same color.
- Help your child show the number 7 using clay

# Exercise 4

On Lessons 11 & 12

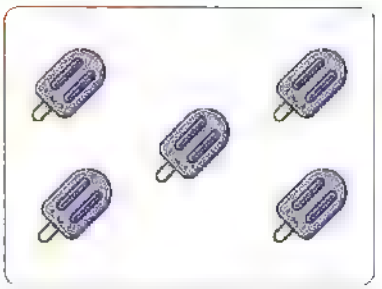
## Numbers 6 & 7

### Count. Choose the number.

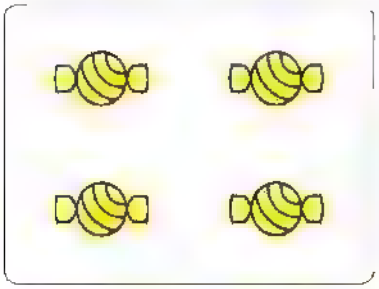


5 6 7

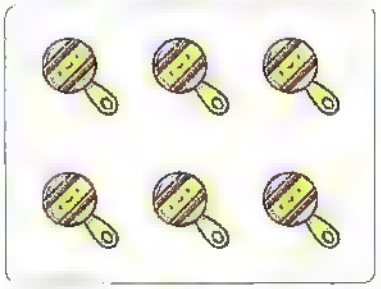
2 3 4



4 5 6



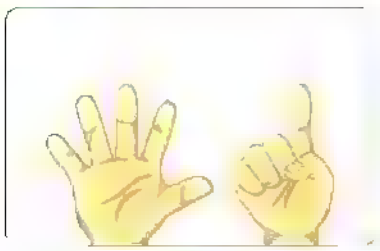
3 4 5



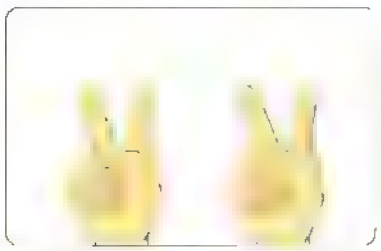
4 5 6

1 2 3

### Circle the number of raised fingers.



5 6 7



2 3 4

5 6 7

3 4 5

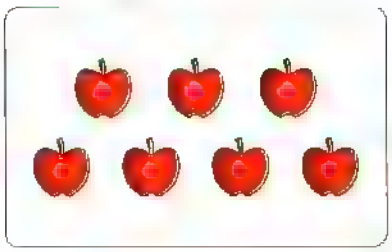
4 5 6

0 1 2

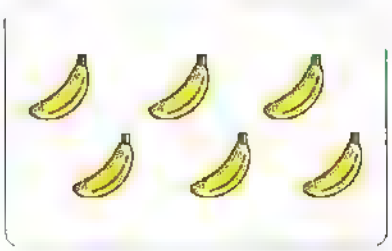
## Join each picture with the suitable number.

6 4 5 7

## Count. Circle the number.

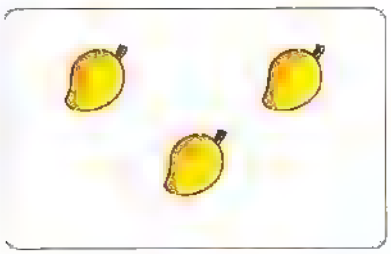


four six seven

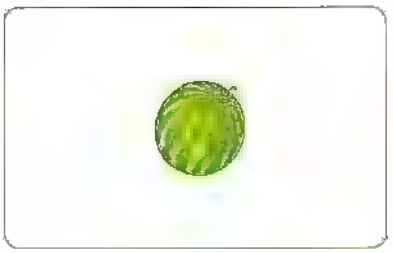


five six seven

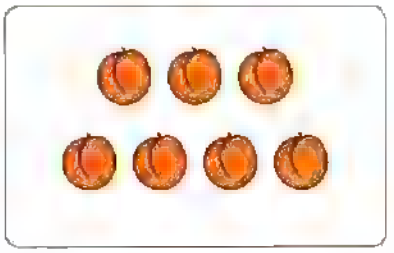
four six seven



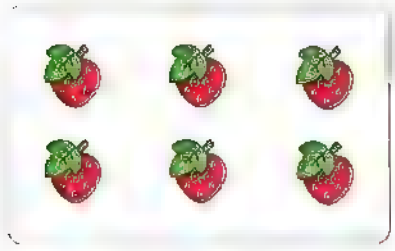
three four five



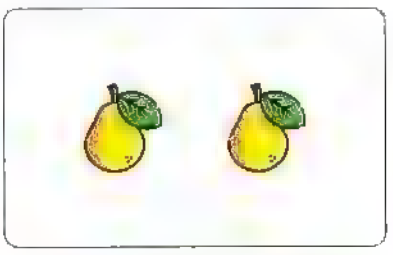
zero one two



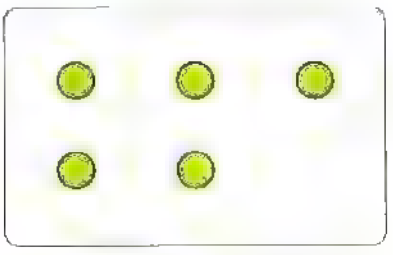
six seven four



three five six



one two three

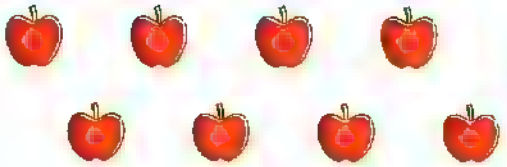


five six seven

## Ring items according to the written number.

5

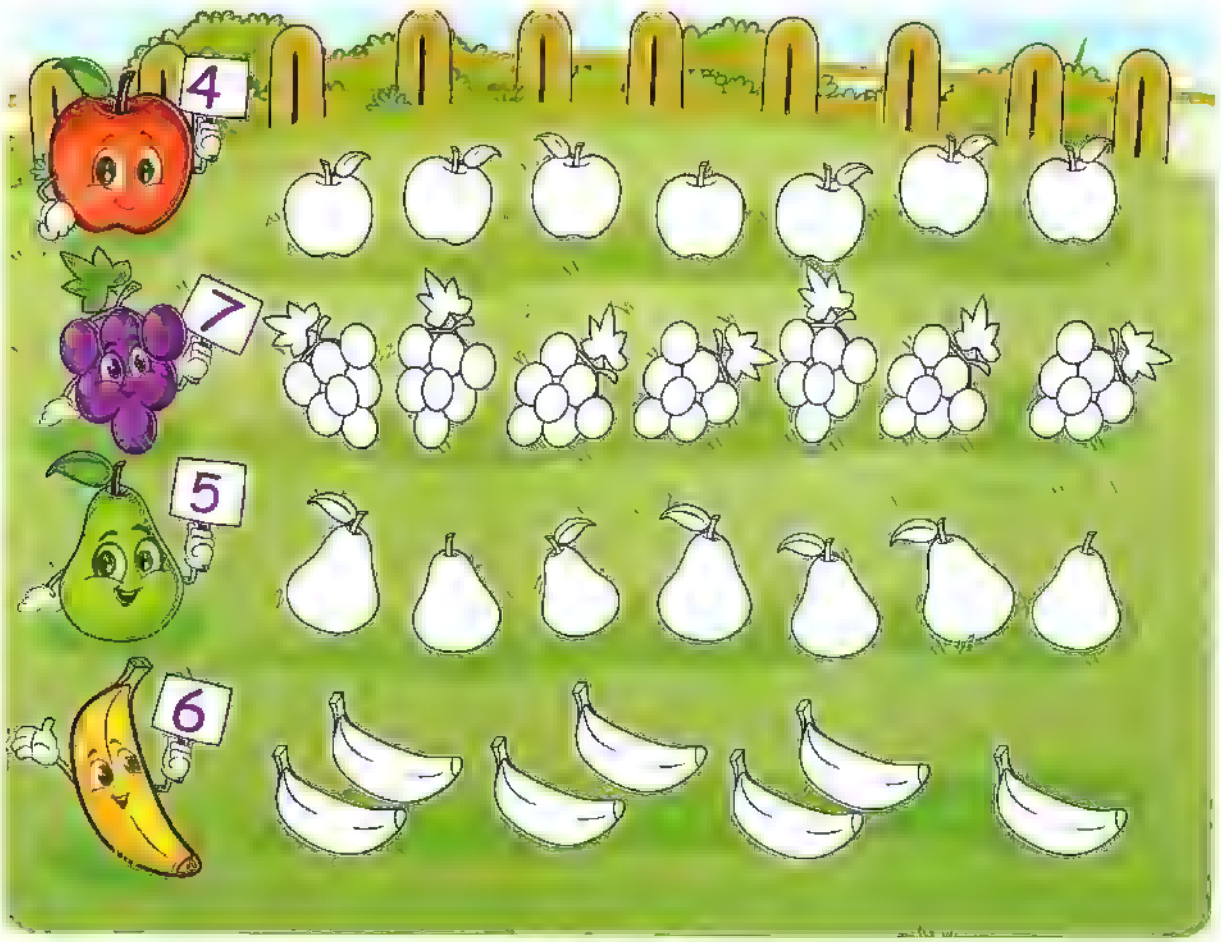
7



6

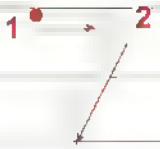
3

## Color the amounts shown on the tags.

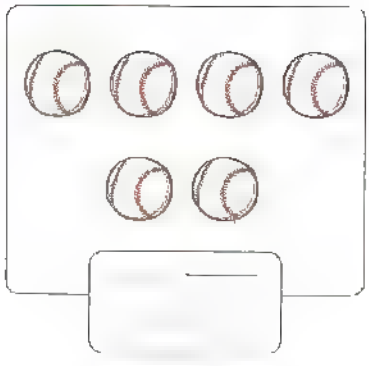


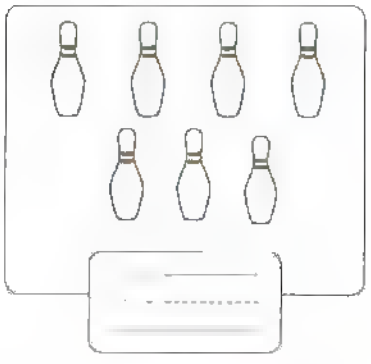
## Trace and write the number 6.

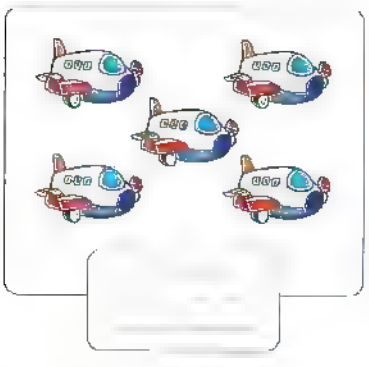
## Trace and write the number 7.

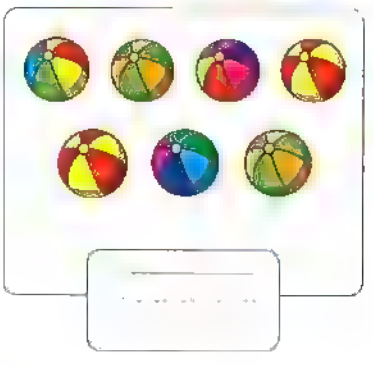


## Write the number that shows how many.

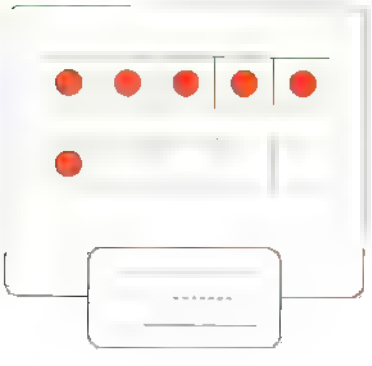


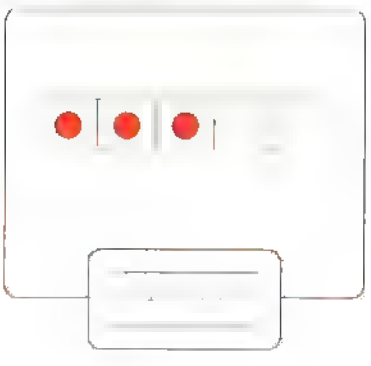


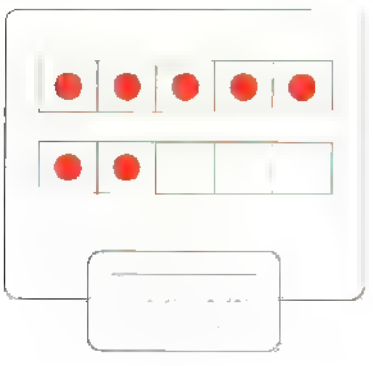


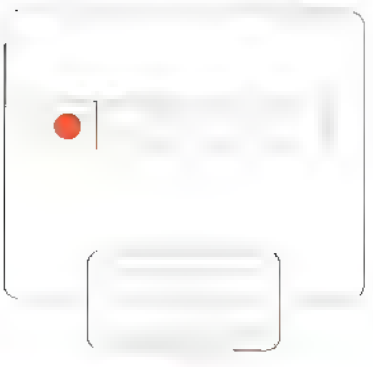


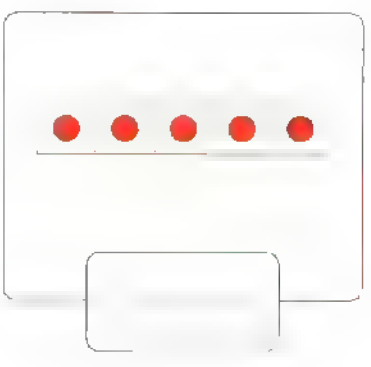
## Count. Write the number of dots in the frames.

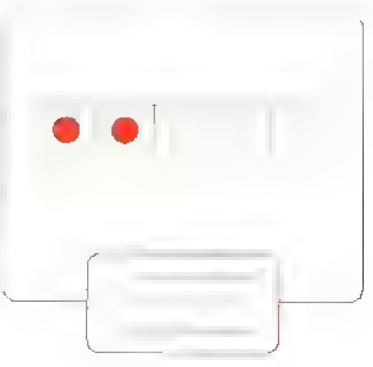




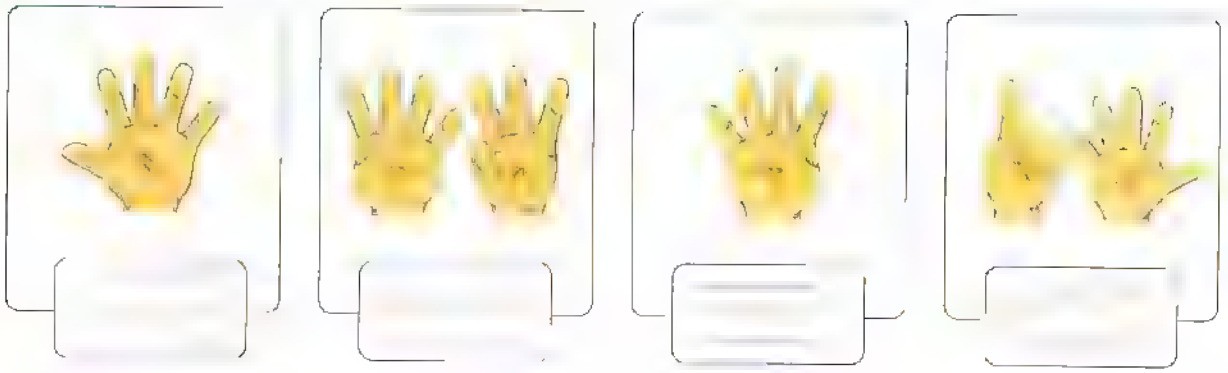




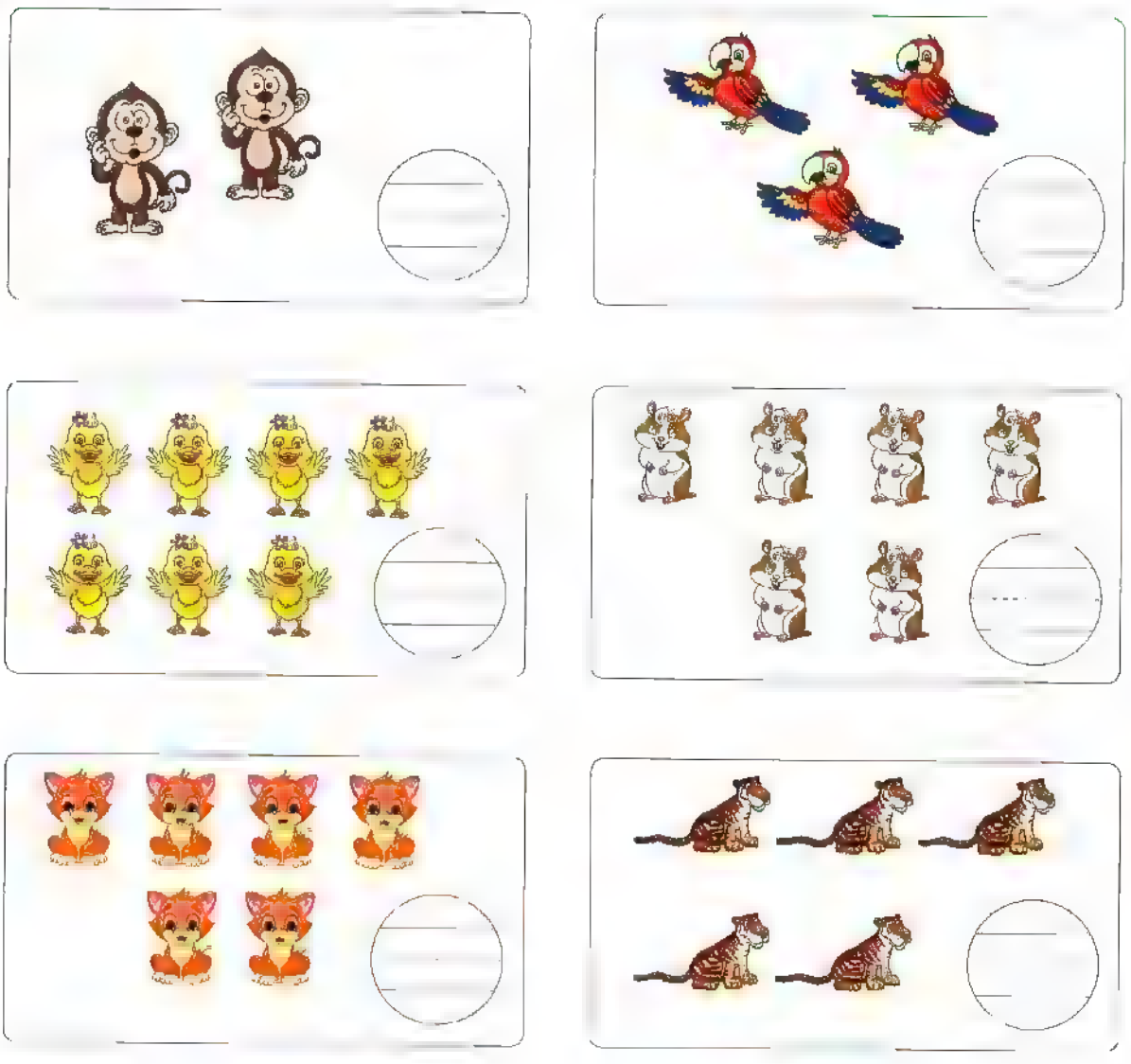




## Write the number of raised fingers.

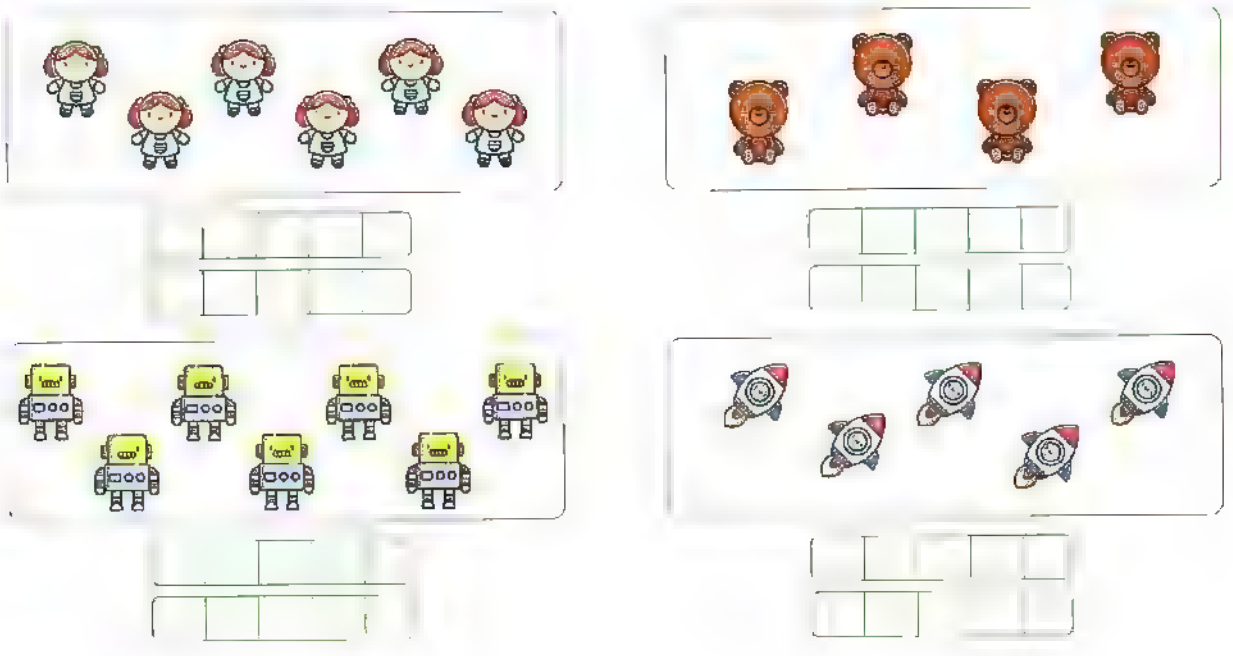


## Count. Write the number of animals.



## Write the number of dots in each domino.

## Count. Draw ● according to the number.



## Draw ♡ according to the number.

7 5 6 4

## Draw to get the written number. Write how many items you drew.

7

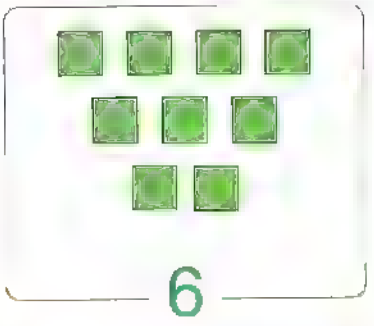
5

6

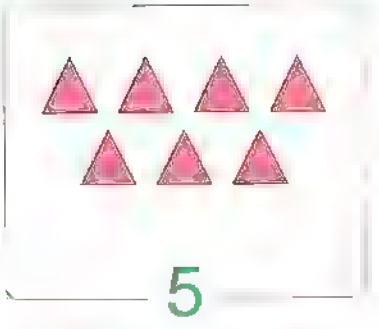
4

## Cancel to get the written number.

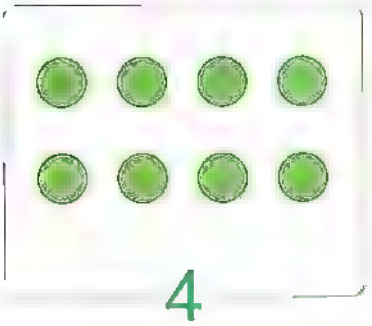
7



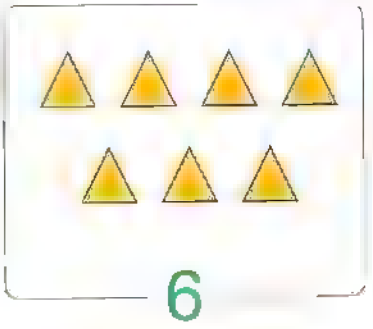
6



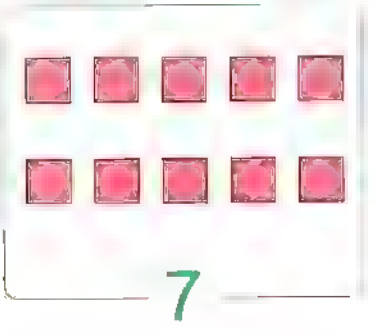
5



4

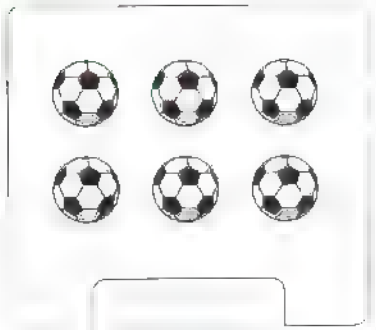


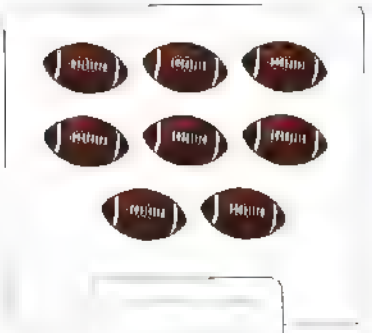
6

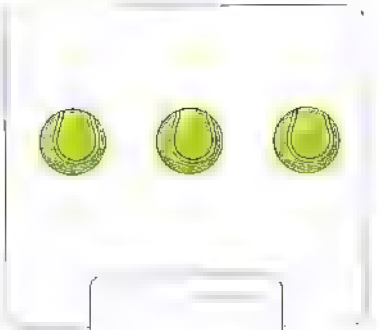


7

## Cancel 1 item in each group. Write the number of the left items.







## How many ?

- Color one box for each animal.

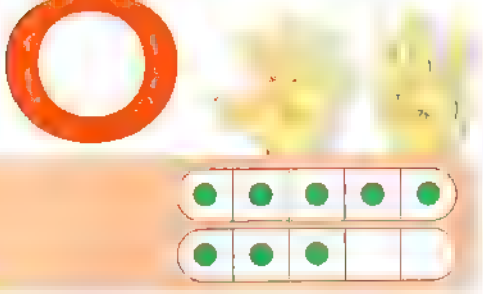
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Animal with 2 legs | | | | | | | |
| Animal with 4 legs | | | | | | | |

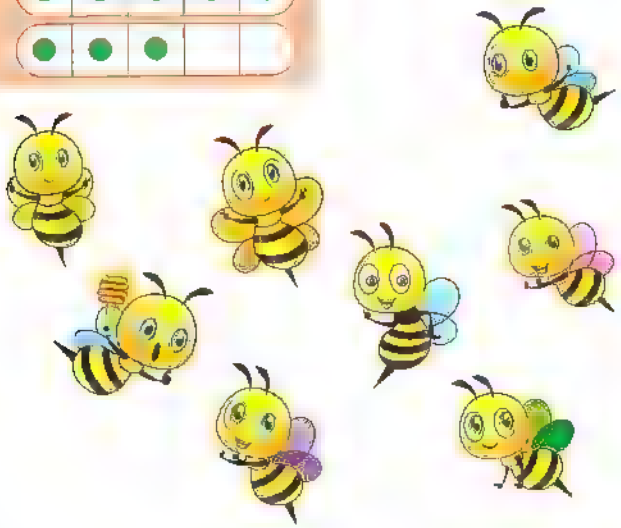
- Complete : - Number of animals with 2 legs = ... ... ... ...
  - Number of animals with 4 legs = ... ... .. ..... .

Place a smiley face

# Numbers 8 , 9 and 10

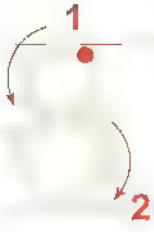
## 8 Eight





Circle the group of 8.

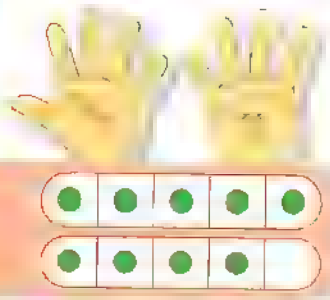
Trace and write.



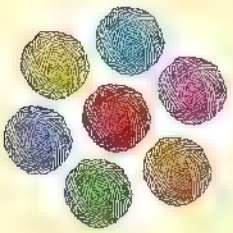

Notes for parents

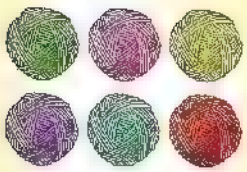
- Give your child a card with the number 8 written on it, then ask him/her to draw pictures on this card to show a group of 8.
- Ask your child to draw 8 circles and color them with the same color.

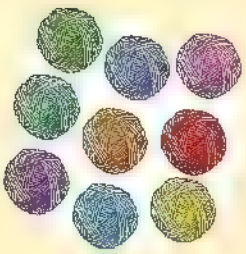
# 9 Nine



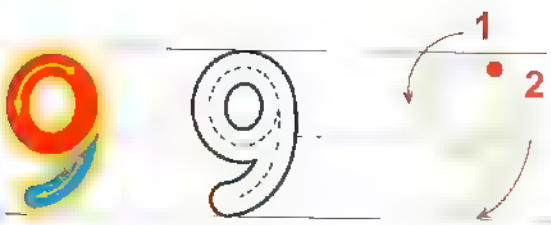
**Circle the group of 9.**





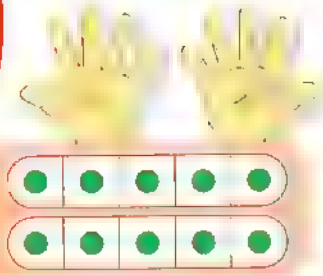


## Trace and write.

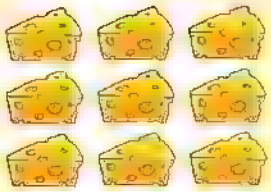



- Ask your child to draw 9 stars different in size.
- Draw a large number 9 on a paper and invite your child to roll a rope of clay and use it to form the number 9 on top of the model.

# 10 Ten

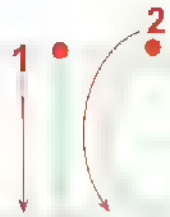


**Circle the group of 10.**



## Trace and write.

10 10




**Notes for parents**

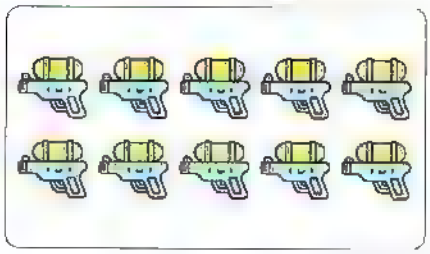
- Ask your child to use his/her both hands to show the number 10.
- Use your finger to write a number from 1 to 10 in your child palm, then ask him to guess this number correctly

# Exercise 5

On Lessons 13 to 16

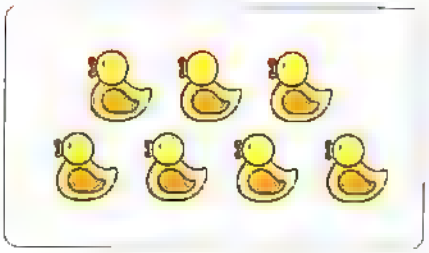
## Numbers 8 , 9 and 10

### Count. Choose the correct number.

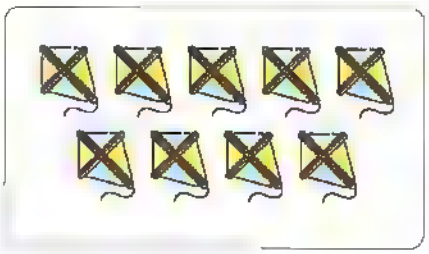


8 9 10

7 8 9

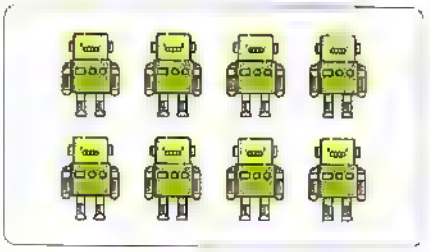


6 7 9



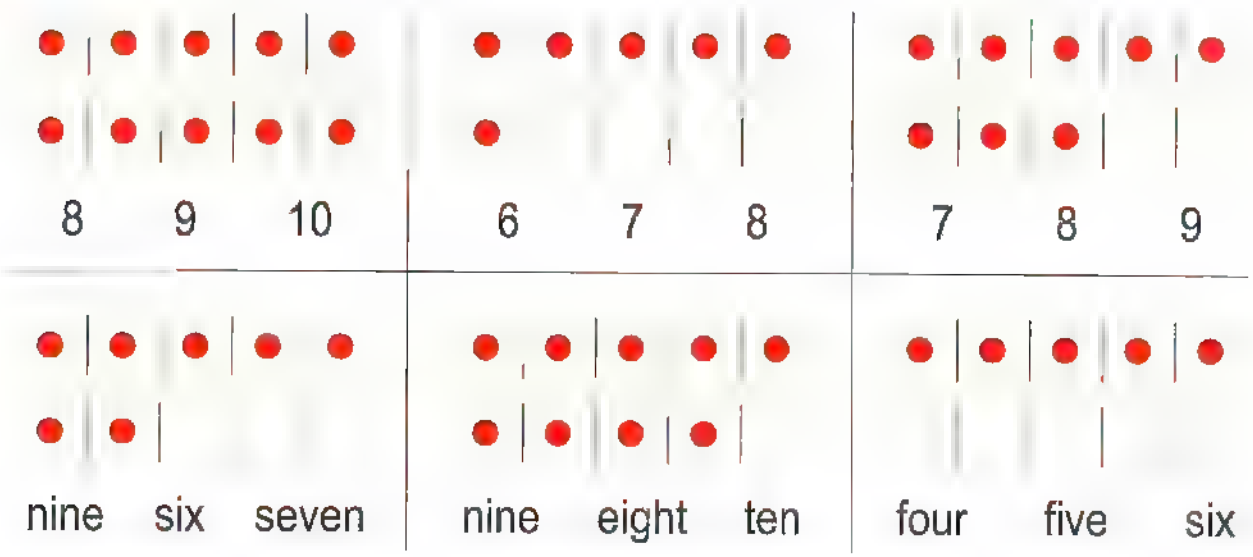
9 8 7

6 8 10

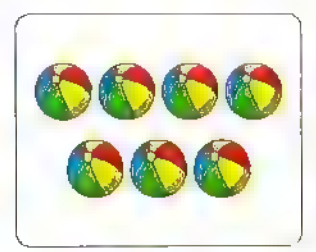
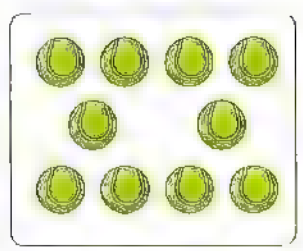


9 10 8

### Count. Choose the correct number.



## Count. Join to the correct number.

7 8 9 10

## Count the number of raised fingers.
## Draw a line from each picture to the suitable number.

Draw a line from each to the correct number word.

three

six

one

seven

two

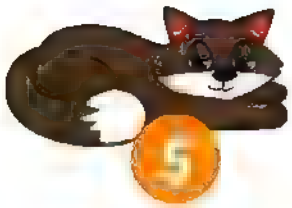
five

ten

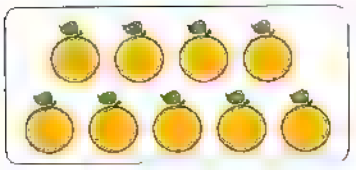
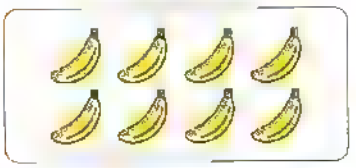
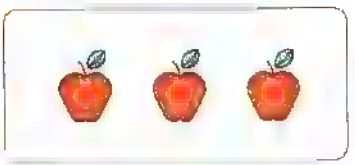
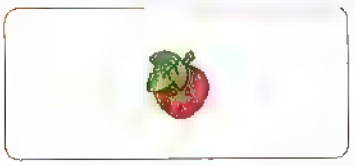
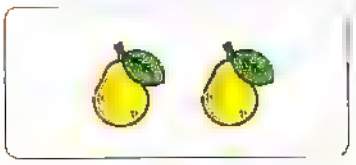
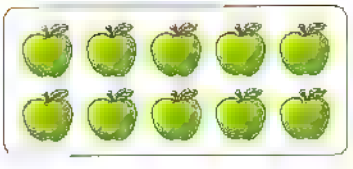
eight

nine

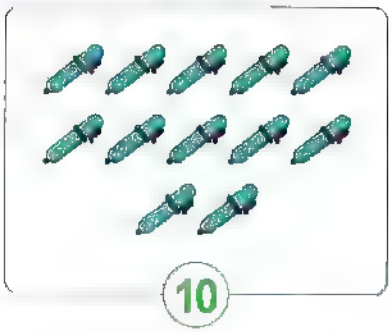
four



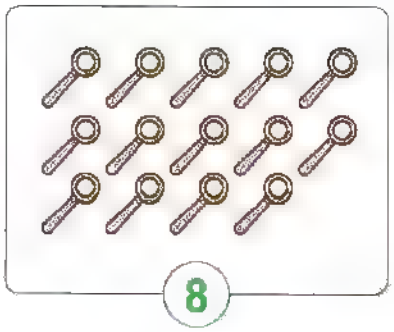
## Join.

| | | |
|---|---|---|
| 2 |  | Four |
| 3 | | Seven |
| 7 |  | Two |
| 5 | | Eight |
| 9 |  | Nine |
| 8 | | Five |
| 4 |  | Six |
| 1 |  | Three |
| 6 | | Ten |
| 10 |  | One |

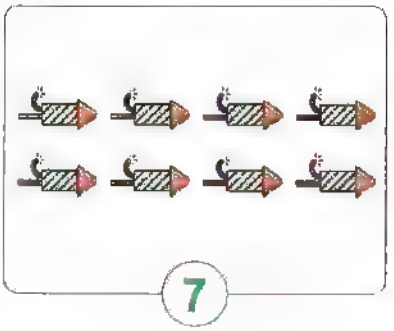
## Ring according to the given number.



10

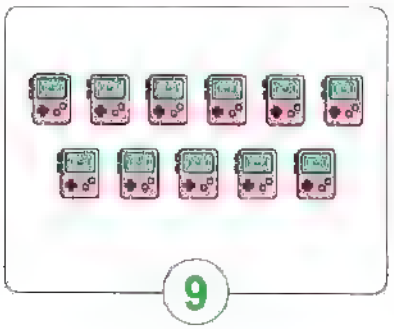


8

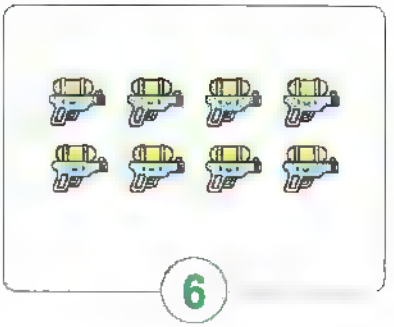


7

5

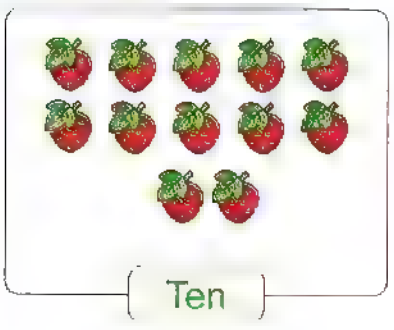


9

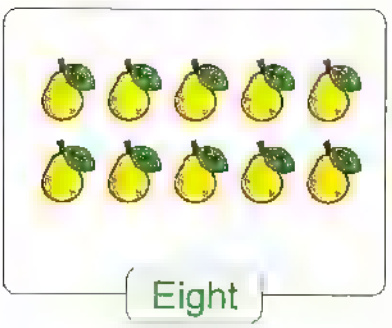


6

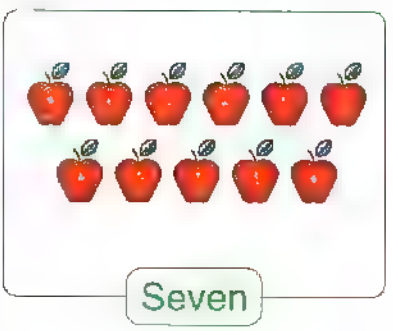
## Ring according to the given number.



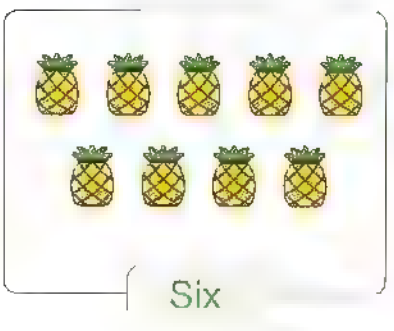
Ten



Eight



Seven

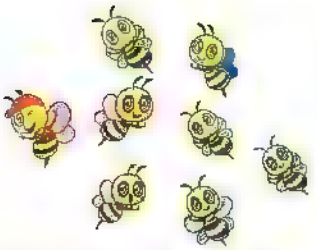


Six

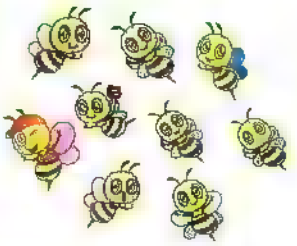
Nine

Five

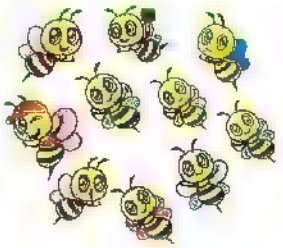
## Trace and write the number 8.



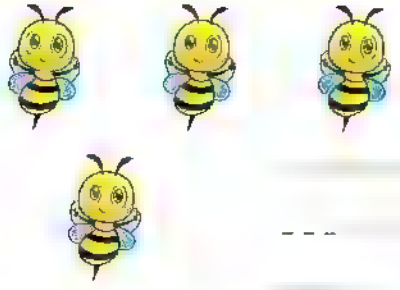
## Trace and write the number 9.

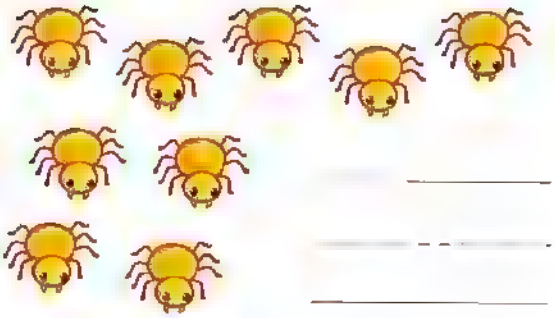


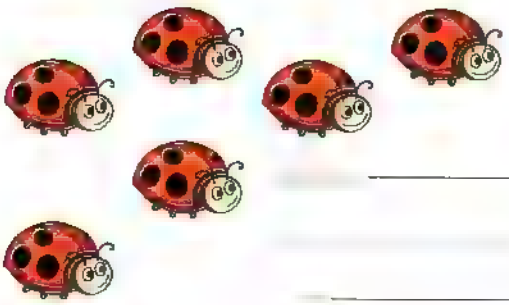
## Trace and write the number 10.

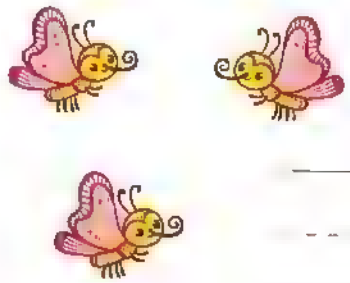


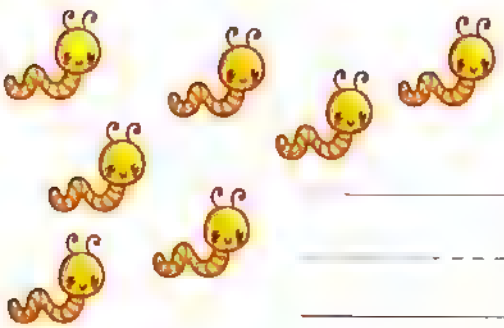
## How many insects are there in each group ?

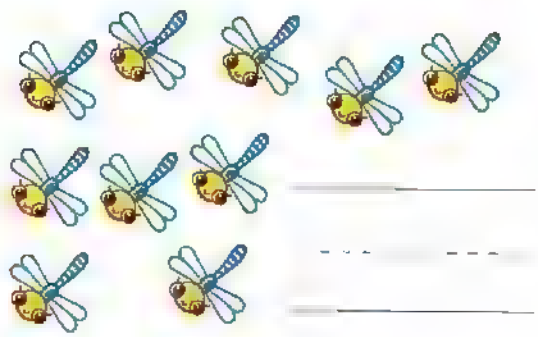


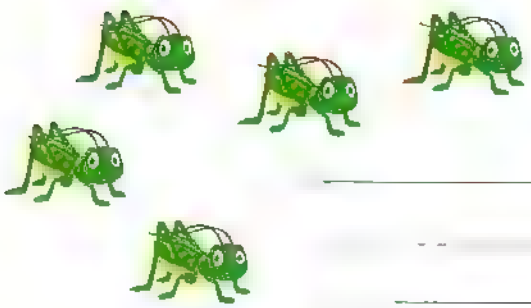


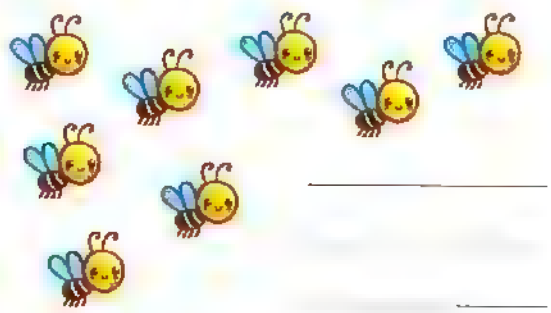




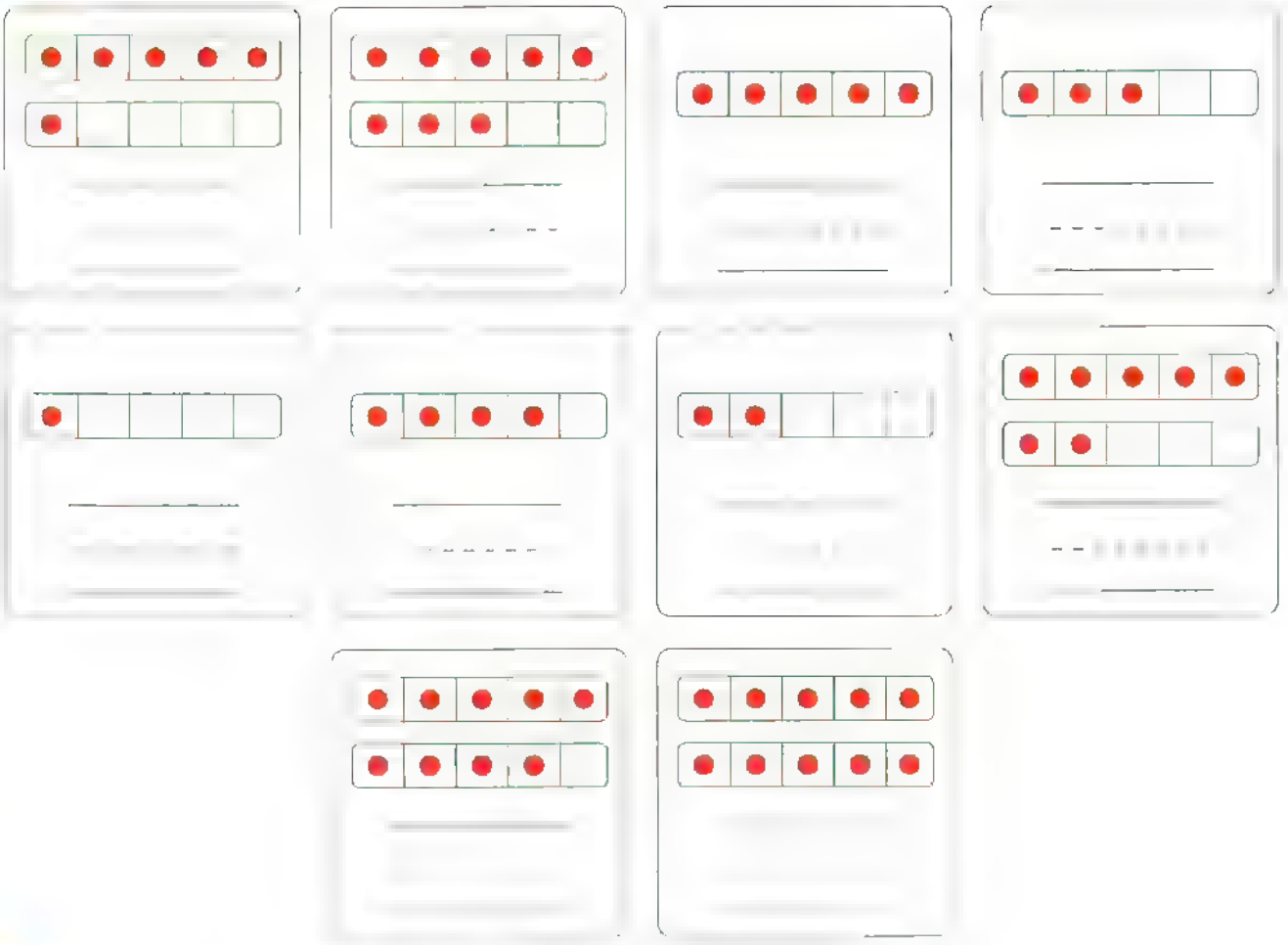




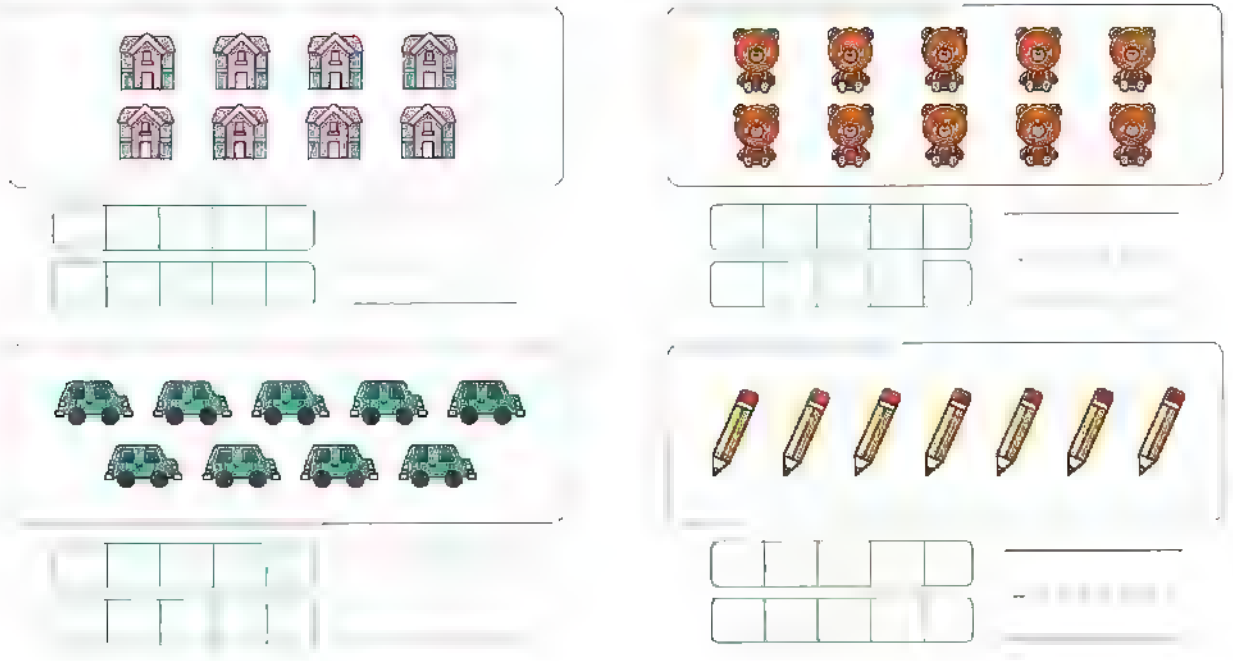




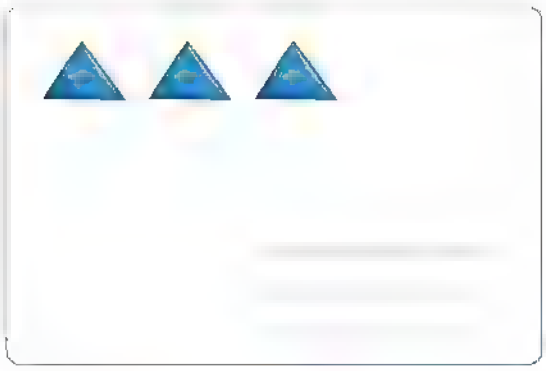
## Count the dots and write the number.

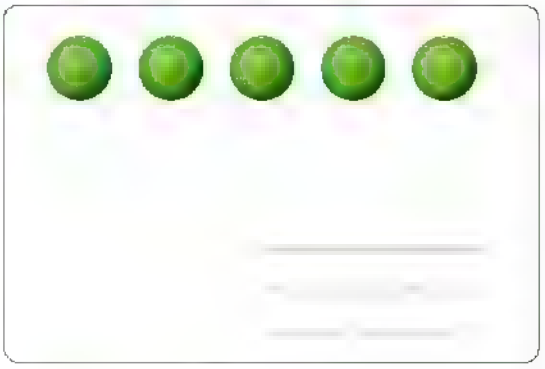


## Count. Draw ● according to the number. Write the number.

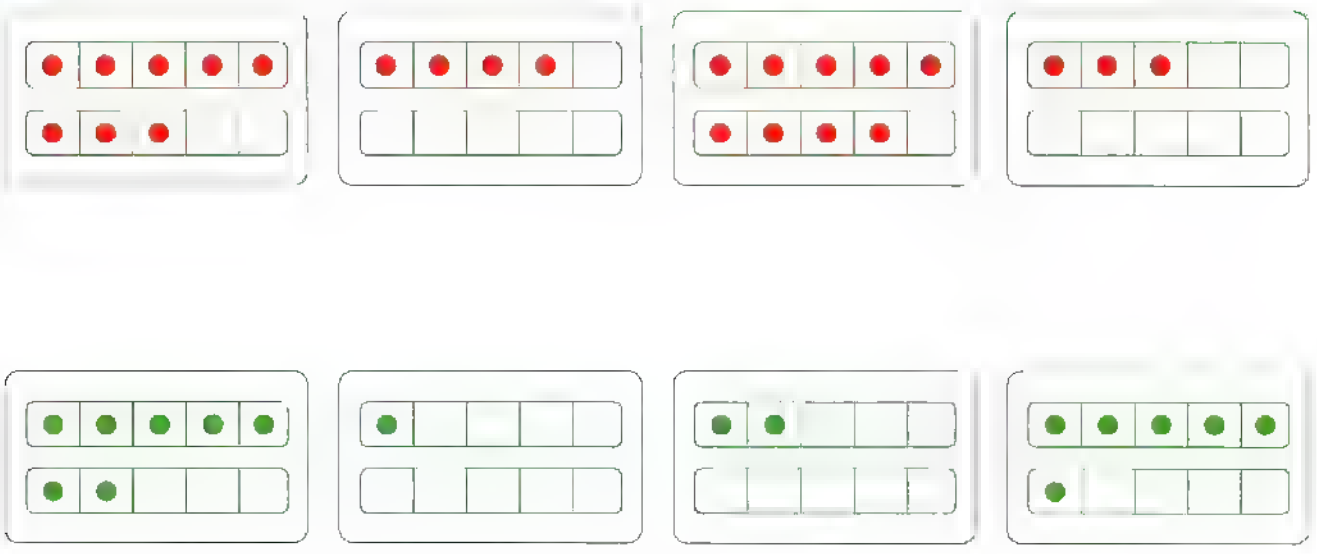


## Complete drawing to get 10 items.
## Write the number of items you drew.





## Match to make a 10.



# Jungle Count

Circle how many you see on BOTH PAGES.

| | | | |
|---|---|---|---|
| ○ How many are there ? | 4 | 5 | 6 |
| ○ How many are there ? | 5 | 6 | 7 |
| ○ How many are there ? | 2 | 3 | 4 |
| ○ How many are there ? | 7 | 8 | 9 |
| ○ How many are there ? | 8 | 9 | 10 |

## Color one box for each insect you see on both pages.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

## Circle which insect there is the most of.

Place a smiley face

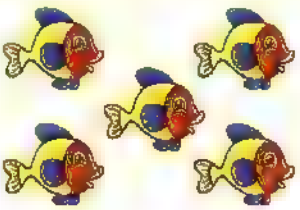
Lessons 17 & 18

- One more / One less
- Comes just after / Comes just before

## One more / One less

### One more

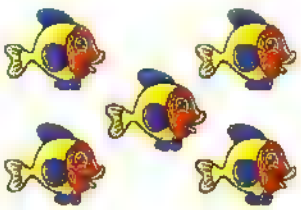
6 is 1 more than 5



**More examples :**

- 4 is 1 more than 3
- 10 is 1 more than 9
- 7 is 1 more than 6
- 2 is 1 more than 1
- 5 is 1 more than 4
- 8 is 1 more than 7

### One less



5 is 1 less than 6

**More examples :**

- 3 is 1 less than 4
- 9 is 1 less than 10
- 2 is 1 less than 3
- 7 is 1 less than 8
- 4 is 1 less than 5
- 8 is 1 less than 9

**Notes for parents**

- Tell your child a number from 1 to 9 and ask your child to tell you the number that is 1 more than it, and another number that is 1 less than it. Repeat the practice with more numbers.

# Comes just after / Comes just before

## Comes just after

2 comes just after 1

3 comes just after 2

**More examples :**

- 4 comes just after 3
- 10 comes just after 9
- 5 comes just after 4
- 8 comes just after 7
- 6 comes just after 5
- 7 comes just after 6

## Comes just before

4 comes just before 5

5 comes just before 6

**More examples :**

- 3 comes just before 4
- 7 comes just before 8
- 8 comes just before 9
- 9 comes just before 10
- 6 comes just before 7
- 0 comes just before 1

• Ask your child to count some objects at home, then tel the number that comes just before their number, and another number that comes just after their number.

# Exercise 6

On Lessons 17 & 18

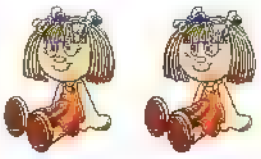
- One more / One less
- Comes just after / Comes just before

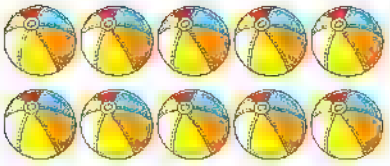
## One more / One less

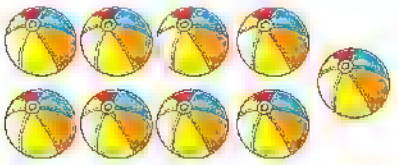
Count. Write the number. Circle the number that is 1 more as the example.

5

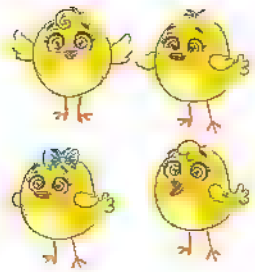
4



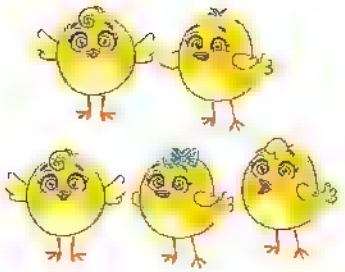




## Count. Write the number. Circle the number that is 1 less as the example.



4



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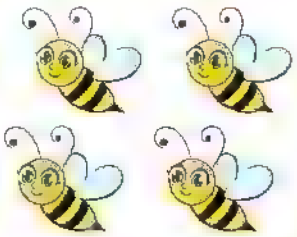
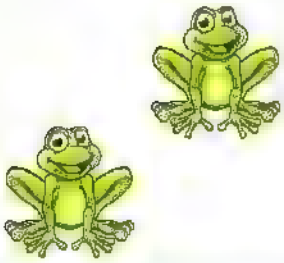
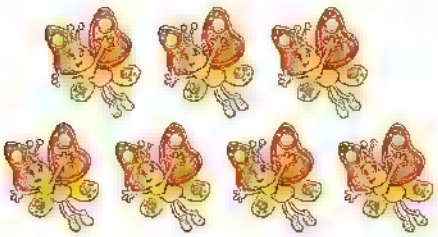
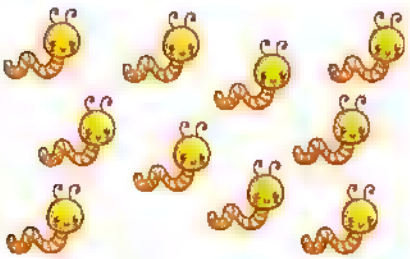
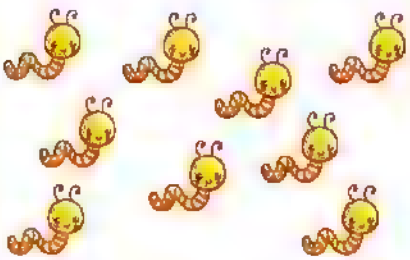


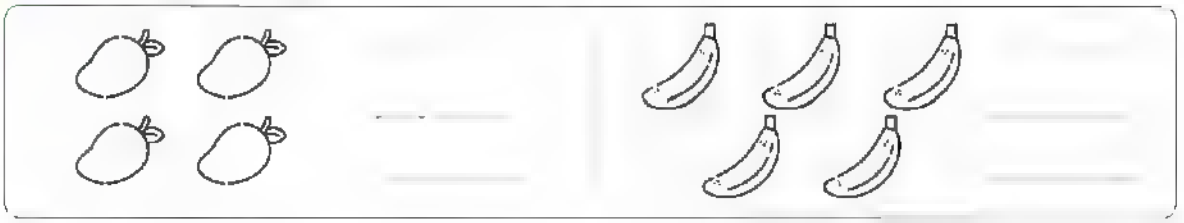


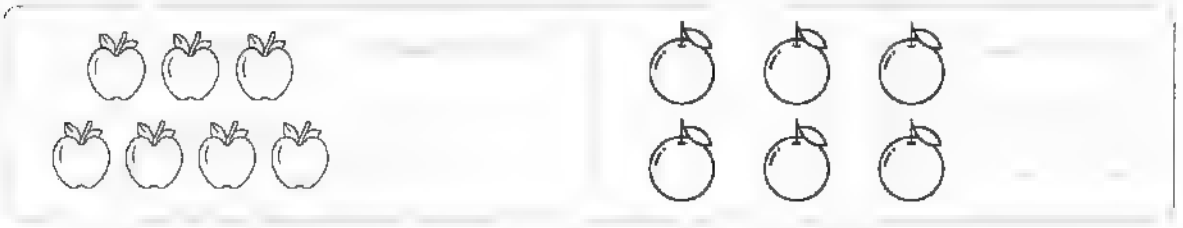


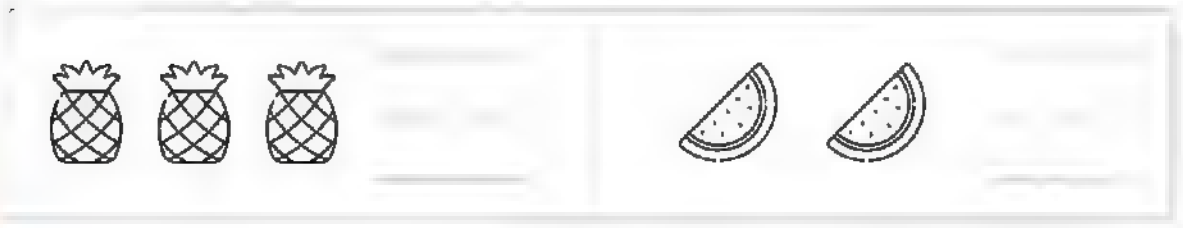




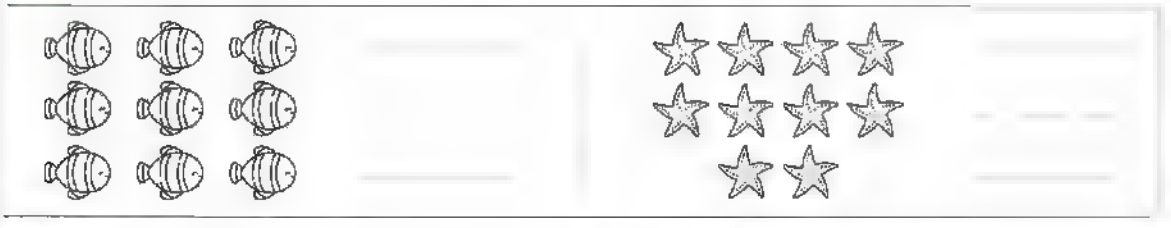
## Count. Write the number. Color the group that has one more object than the other.

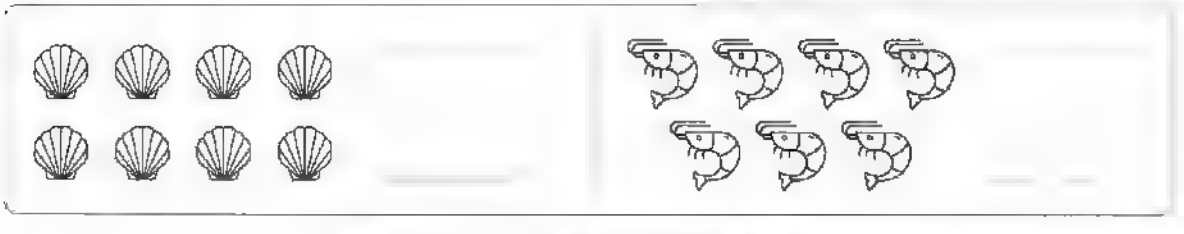


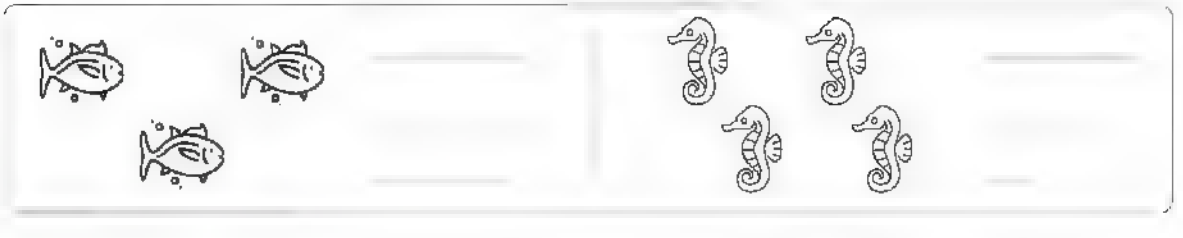




## Count. Write the number. Color the group that has one less object than the other.







## Write the number that is 1 more than the written number.

| | | |
|---|---|---|
| 7 | 2 | 5 |
| 6 | 8 | 1 |
| 3 | 9 | 4 |

## Write the number that is 1 less than the written number.

| | | |
|---|---|---|
| 3 | 6 | 10 |
| 5 | 9 | 2 |
| 4 | 8 | 7 |

## Complete.

- 7 is 1 less than _____
- 4 is 1 less than _____
- 6 is 1 less than _____
- 9 is 1 less than _____
- 1 is 1 less than _____
- 0 is 1 less than _____
- 6 is 1 more than _____
- 9 is 1 more than _____
- 8 is 1 more than _____
- 10 is 1 more than _____
- 5 is 1 more than _____
- 4 is 1 more than _____

## Complete.

- _____ is 1 more than 2
- _____ is 1 more than 5
- _____ is 1 more than 3
- _____ is 1 more than 6
- _____ is 1 less than 7
- _____ is 1 less than 5
- _____ is 1 less than 3
- _____ is 1 less than 1
- _____ is 1 more than 7
- _____ is 1 more than 8
- _____ is 1 less than 6
- _____ is 1 less than 9

## Write (✓) to the correct statement and (✗) to the incorrect statement.

- 2 is 1 more than 1 ( )
- 7 is 1 less than 6 ( )
- 9 is 1 less than 10 ( )
- 5 is 1 more than 6 ( )
- 8 is 1 more than 7 ( )
- 4 is 1 less than 3 ( )

## Choose less or more.

6 is one ___ than 7

less more

3 is one ___ than 4

less more

10 is one ___ than 9

less more

1 is one ___ than 2

less more

8 is one ___ than 7

less more

5 is one ___ than 6

less more

2 is one ___ than 3

less more

9 is one ___ than 8

less more

4 is one ___ than 3

less more

0 is one ___ than 1

less more

## Comes just after / Comes just before

### Write the number that comes just after.

| | | |
|---|---|---|
| 3 | 4 | 8 |
| 7 | 9 | 0 |
| 5 | 6 | 1 |

### Write the number that comes just before.

| | | |
|---|---|---|
| 3 | 4 | 8 |
| 7 | 9 | 2 |
| 5 | 6 | 1 |

## Join.

5 comes just after ___ — 6

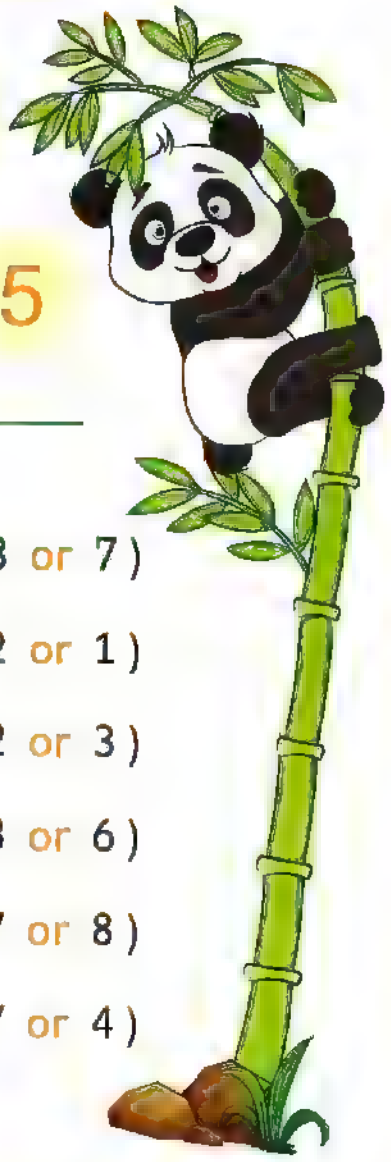
9 comes just before ___ — 4

7 comes just after ___ — 10

4 comes just before ___ — 1

2 comes just after ___ — 8

7 comes just before ___ — 5



## Choose the correct answer.

- 9 comes just after ____ ( 10 or 8 or 7 )
- 3 comes just before ____ ( 4 or 2 or 1 )
- 1 comes just before ____ ( 0 or 2 or 3 )
- ____ comes just after 5 ( 4 or 3 or 6 )
- ____ comes just before 9 ( 10 or 7 or 8 )
- ____ comes just after 6 ( 5 or 7 or 4 )

## Complete.

- 5 comes just before ____
- 3 comes just after ____
- 6 comes just before ____
- ____ comes just after 8
- 10 comes just after ____
- 8 comes just before ____
- 4 comes just after ____
- ____ comes just before 3

## Choose after or before.

6 comes just 5

before after

9 comes just ___ 10

before after

7 comes just ___ 8

after before

2 comes just ___ 1

after before

7 comes just ___ 6

before after

3 comes just ___ 4

after before

1 comes just ___ 0

after before

4 comes just 5

before after

## Write the missing numbers.

1 2 ☐ 4 ☐ ☐

4 5 ☐ ☐ 8 ☐

☐ 6 7 8 ☐ ☐

☐ ☐ 2 3 ☐ 5

1 ☐ ☐ 4 5 ☐

☐ ☐ 7 8 ☐ ☐

3 ☐ 5 ☐ ☐ ☐

Place a smiley face

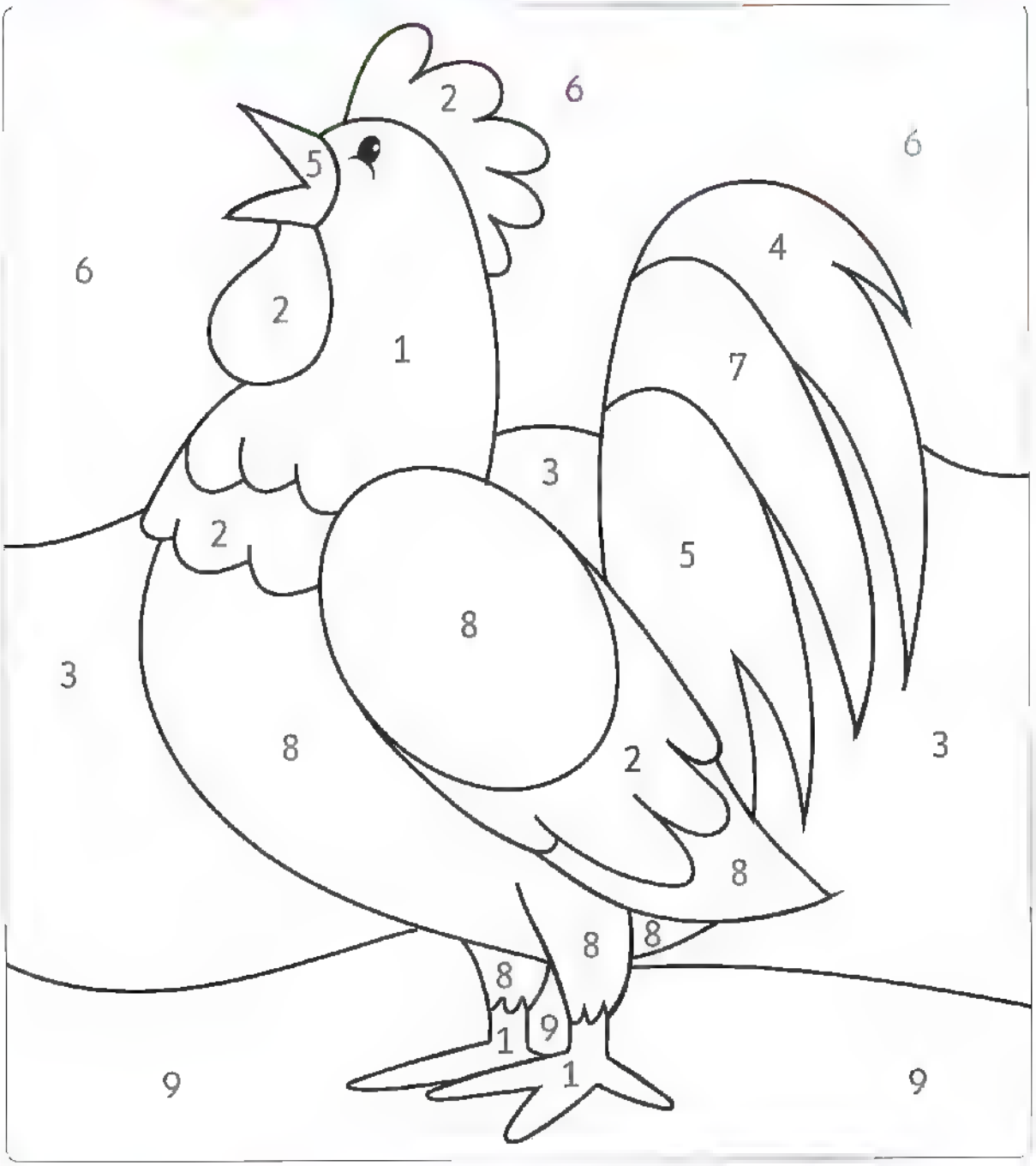
# Art Corner

Chapter 2

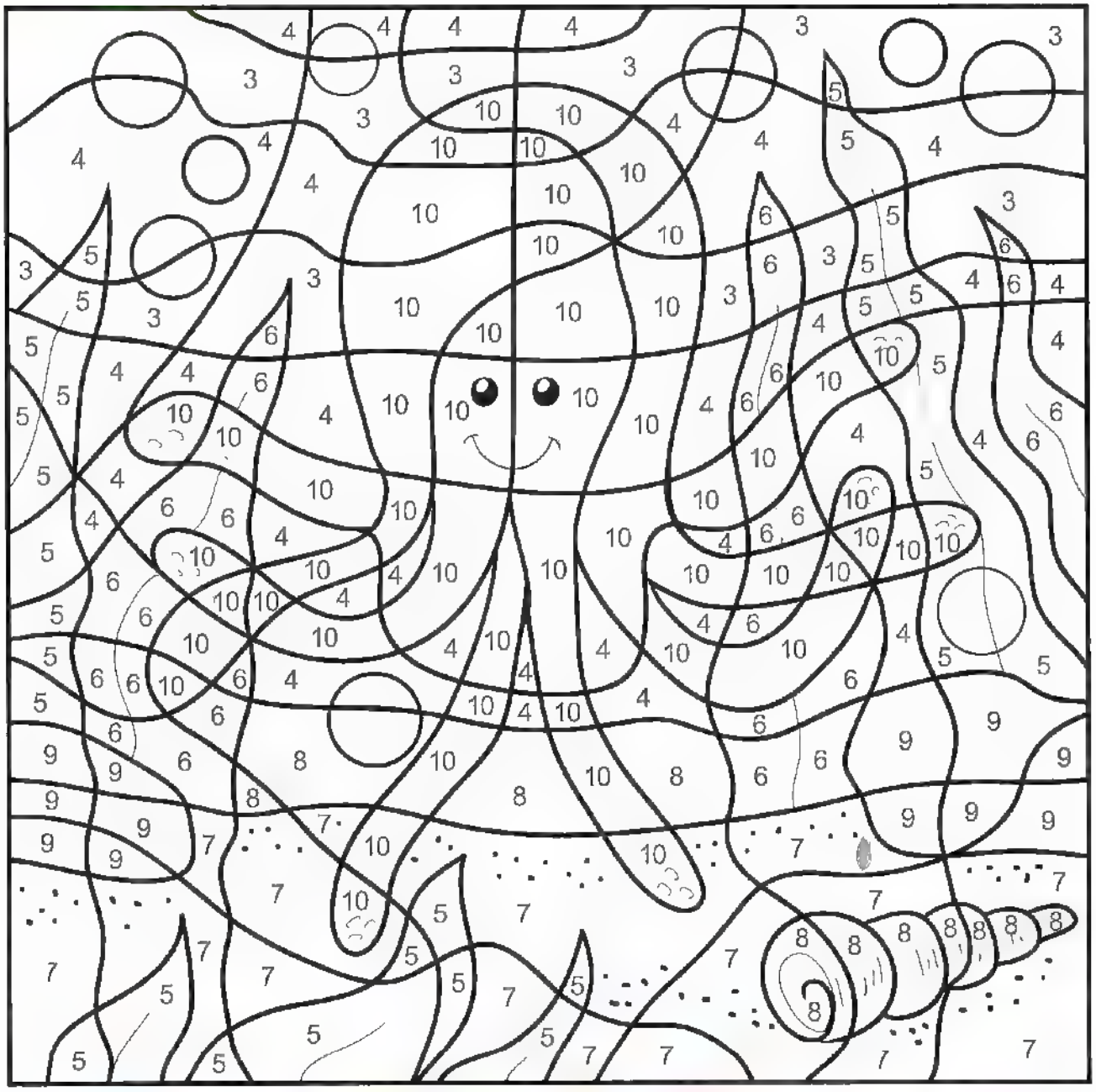
## Color the picture.

1 [illegible] 2 [illegible] 3 [illegible] 4 Pink 5 Red

6 [illegible] 7 Purple 8 Brown 9 Black



## Color the picture according to the coloring key.



# CHAPTER 3

## • Outcomes of lessons

### ▶ Lessons 19 & 20

- Participate in calendar math activities.
- Use the terms greater than, less than and equal to.
- Count, read and write 11 , 12 and 13

### ▶ Lessons 21 & 22

- Participate in calendar math activities.
- Count, read and write 14 and 15.

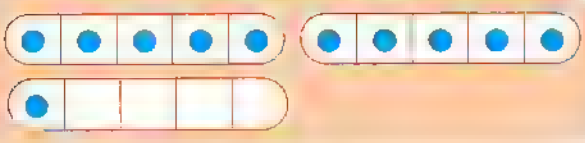
### ▶ Lessons 23 & 24

- Participate in calendar math activities.
- Use the terms greater than, less than and equal to
- Count from 0 to 15.
- Compare numbers using the symbols > , < and =.

Lessons 19 & 20

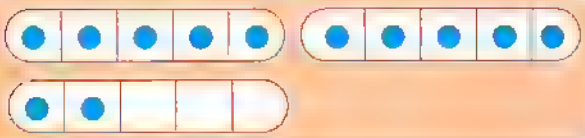
- Numbers from 11 to 13
- Greater than / Less than / Equal to

# 11 Eleven



Trace and write.

# 12 Twelve

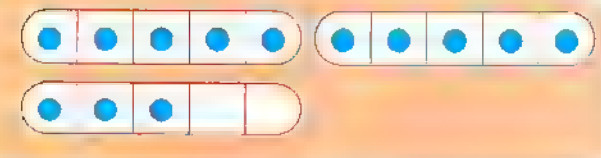


Trace and write.

**Notes for parents**

- Help your child find from 1 through 13 objects at home to count and write the number that tells how many.

# 13 Thirteen



Trace and write.

Notes for parents

- Ask your child to trace and write the numbers 11, 12 and 13.
- Ask your child to use clay to show you 11, 12 and 13.

# Greater than / Less than / Equal to

## Which number is greater ?

5 is greater than 3

**Greater** means **more.**

**More examples :**

- 7 is greater than 5
- 13 is greater than 10

## Which number is less ?

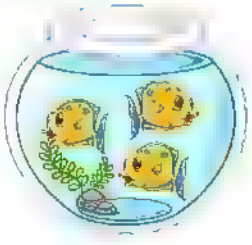
8 is less than 9

**Less** means **fewer.**

**More examples :**

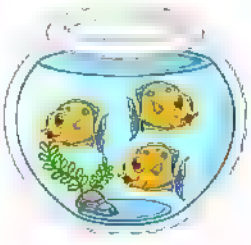
- 5 is less than 6
- 11 is less than 13

## Equal to



3 is equal to 3

**Equal to** means
the **same** number.



**More examples :**

- 6 is equal to 6
- 11 is equal to 11

- Ask your child to make two cube towers and decide which tower has more cubes, and which tower has less cubes.
- Let your child use small objects to set two groups that have the same number of objects.

# Exercise 7

On Lessons 19 & 20

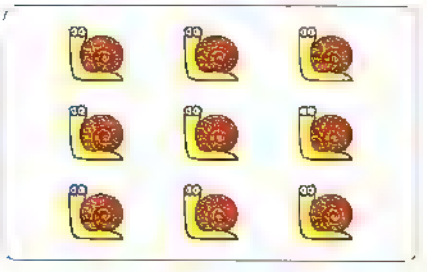
- Numbers from 11 to 13
- Greater than / Less than / Equal to

## Numbers from 11 to 13

**Count each group.**
**Draw a line from the group to the correct number.**

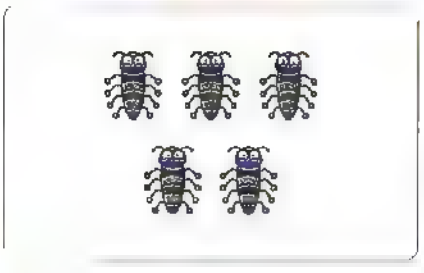
5

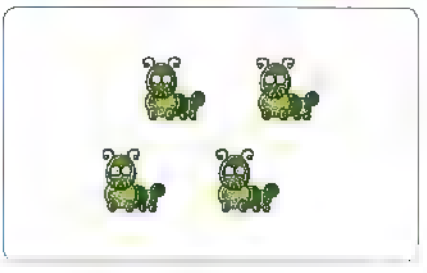
12



11

13





4

9

**Join.**

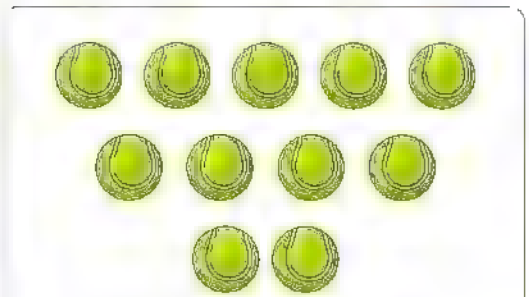
Ten | Nine | Twelve | Thirteen | Eleven

12 13 9 11 10

## Count. Circle the correct number.

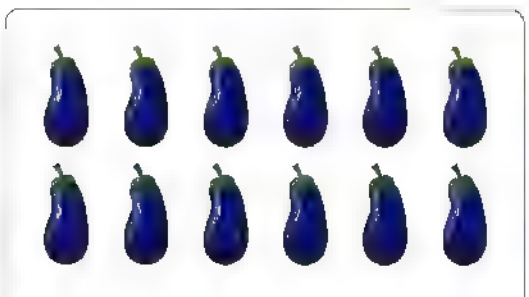
10 11 13

8 10 12



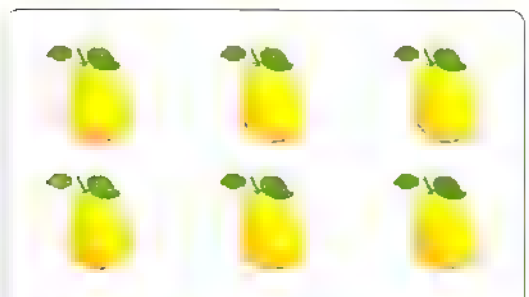
10 11 12

3 4 5

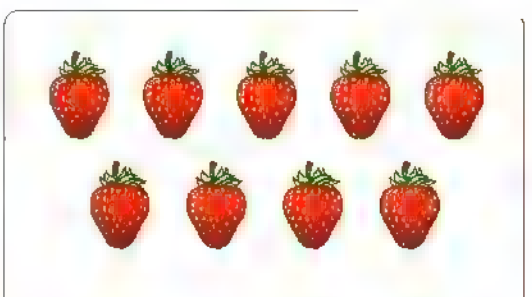


12 11 9

10 9 8

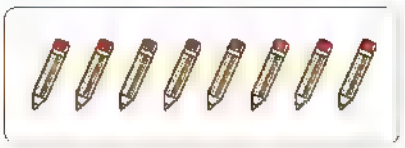
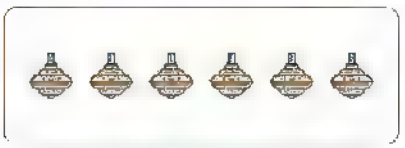


6 8 10

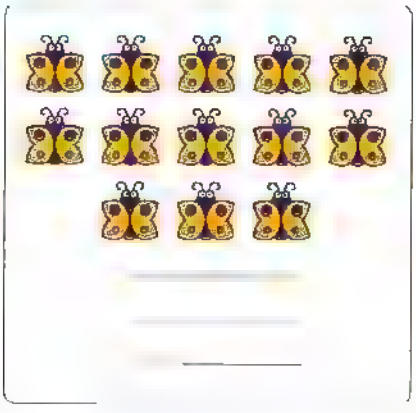


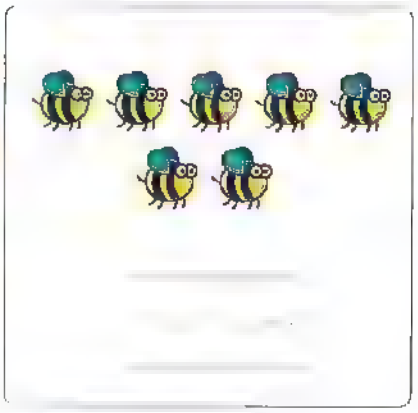
11 9 7

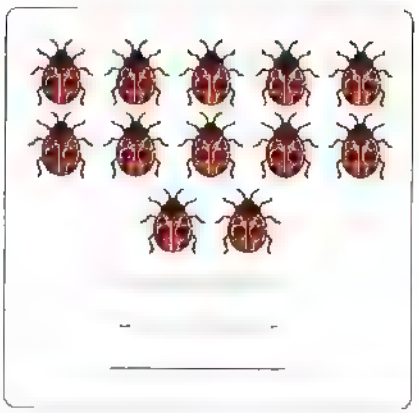
## Join.

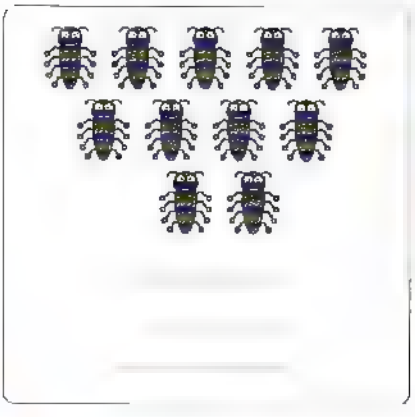
| | | |
|---|---|---|
| 2 | | Eleven |
| 6 | | Five |
| 3 | | Three |
| 9 |  | One |
| 12 | | Eight |
| 11 | | Ten |
| 8 |  | Two |
| 5 | | Six |
| 10 | | Nine |
| 13 | | Thirteen |
| 1 | | Twelve |

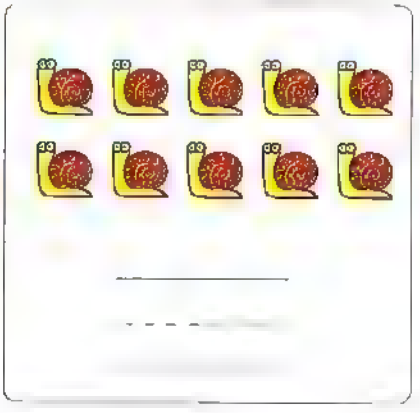
## Count. Write how many there are of each.

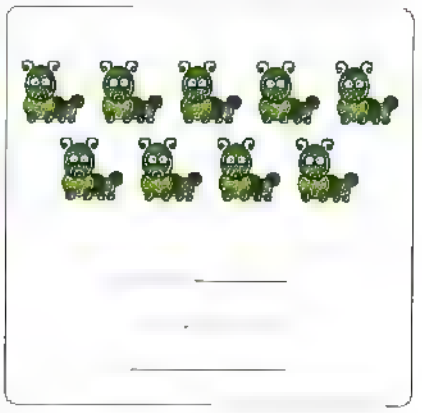




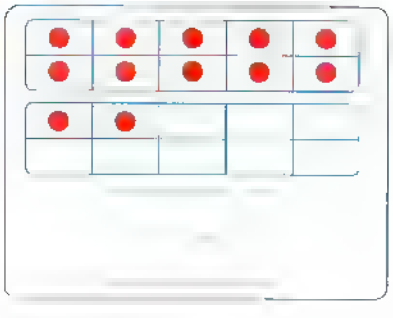


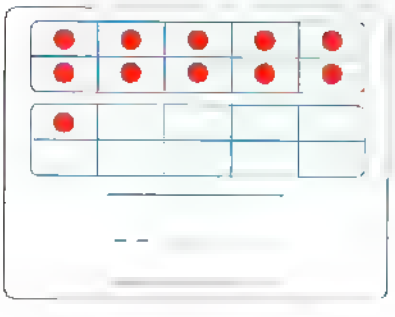


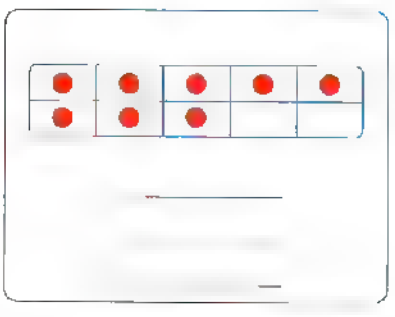


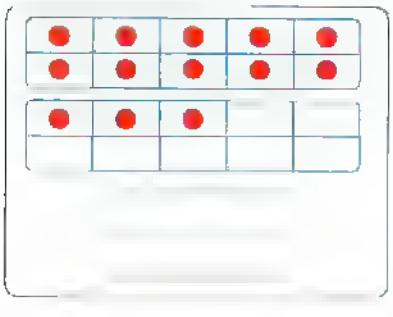


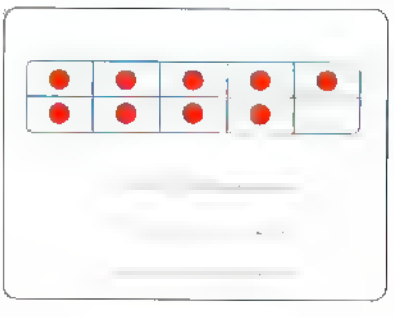
## Count the dots. Write the number of dots.

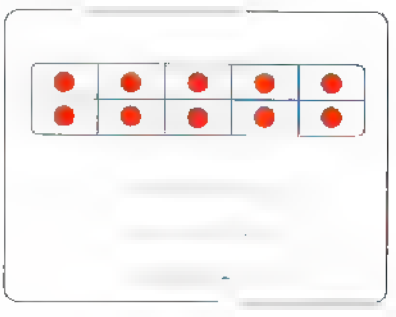








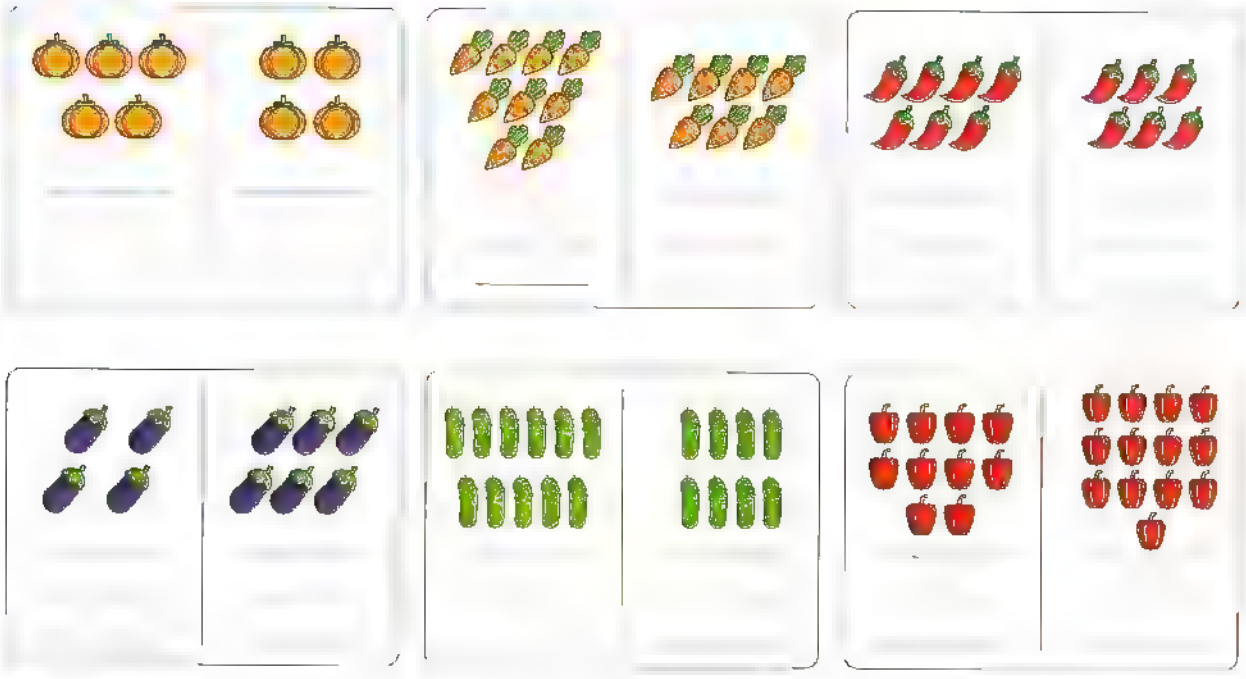




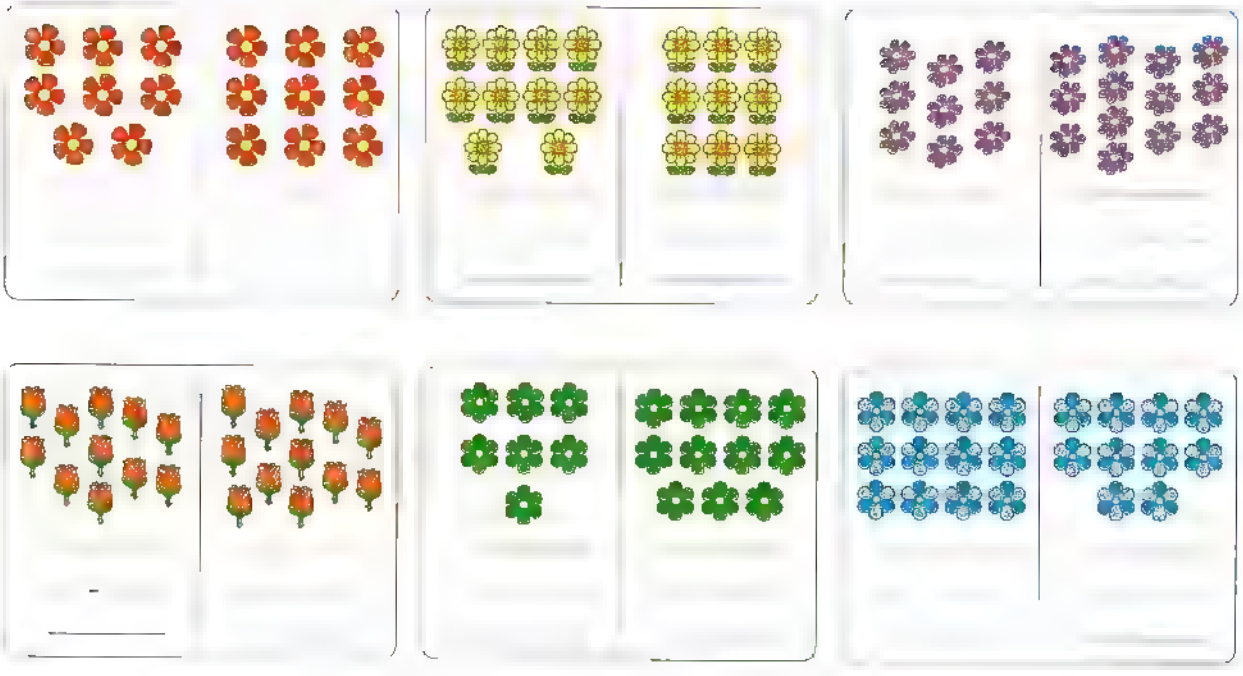
## Circle the number that is greater in each box.

## Circle the number that is less in each box.

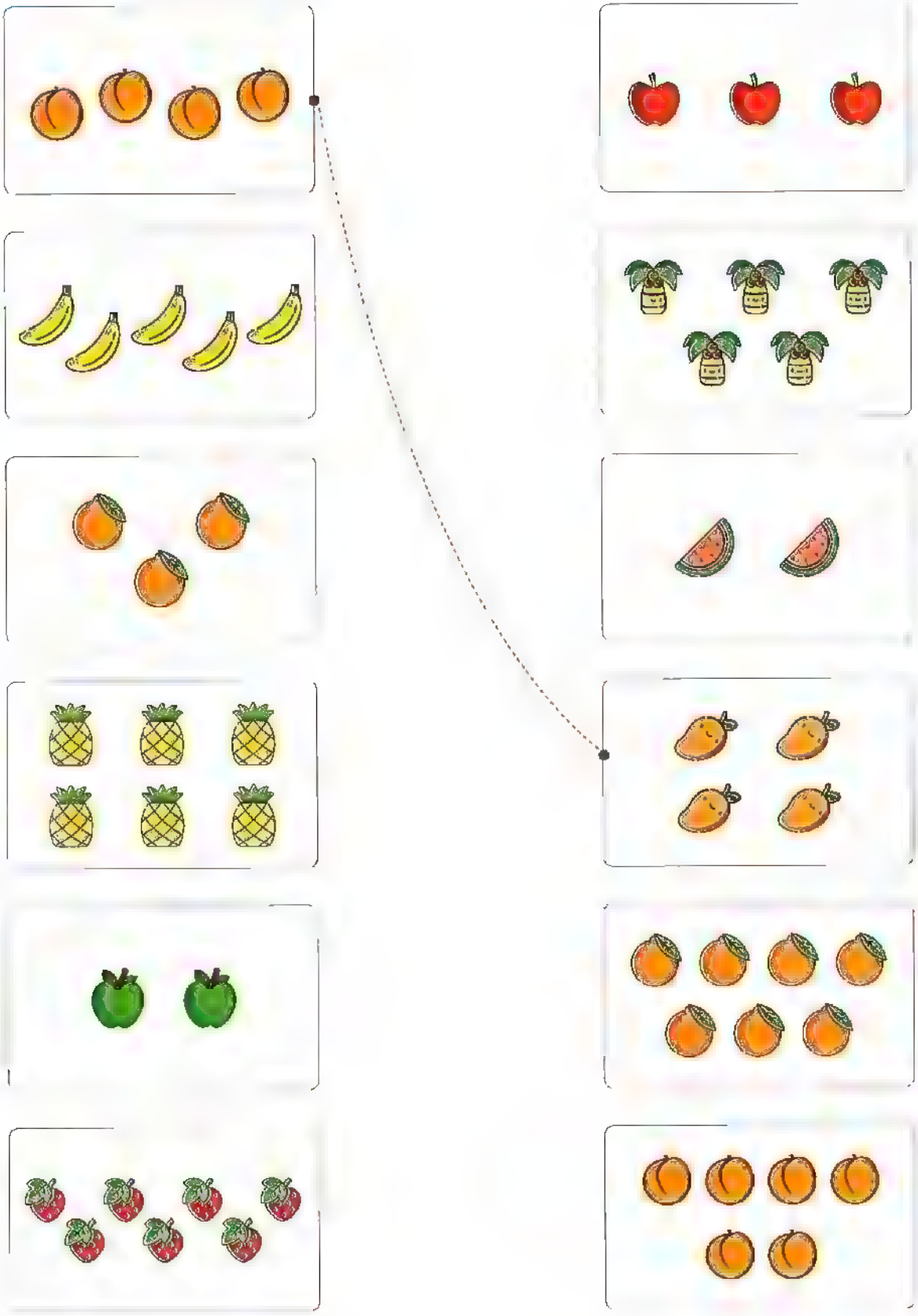
## Write how many there are in each group.
## Circle the greater number.



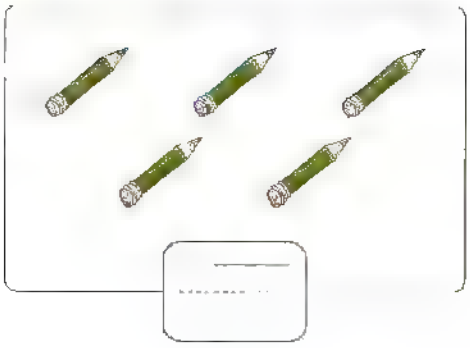
## Write how many there are in each group.
## Circle the number that is less.



Match the groups that have the same number as the example.



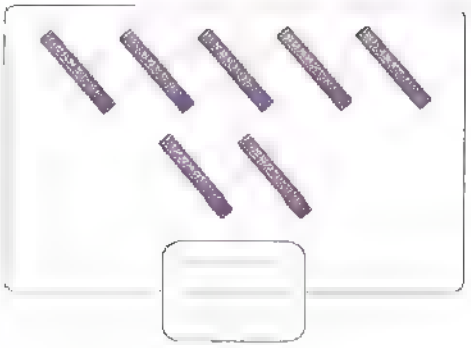
## Count. Write the number. Choose the correct answer.

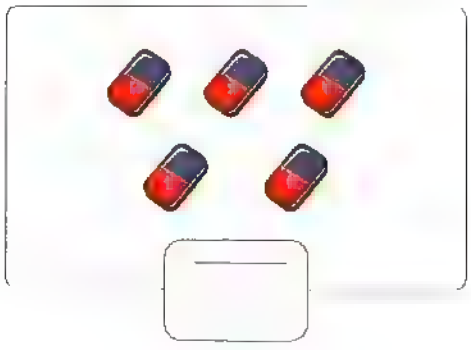


is greater than

is less than

is equal to

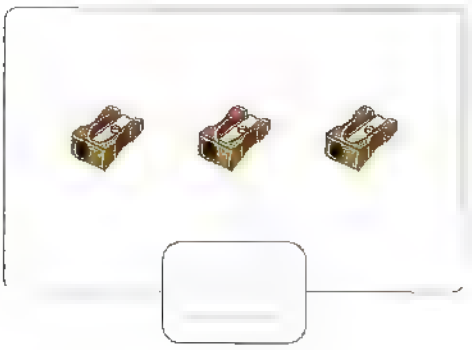


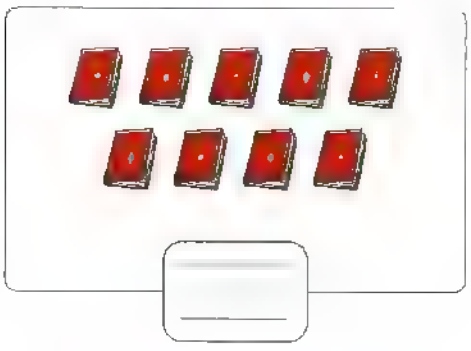


is greater than

is less than

is equal to

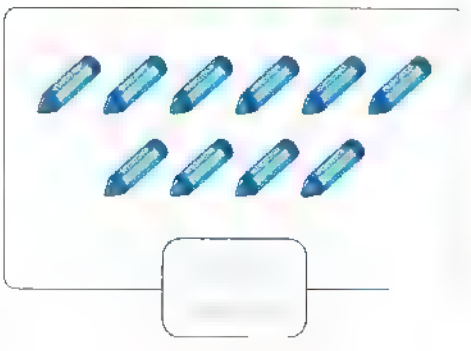




is greater than

is less than

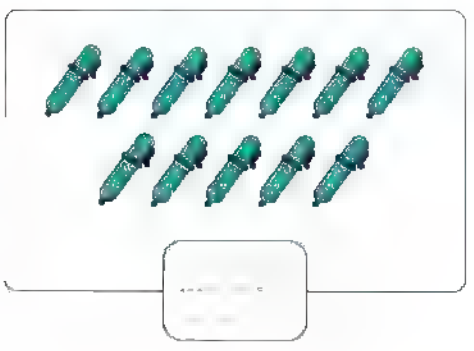
is equal to



is greater than

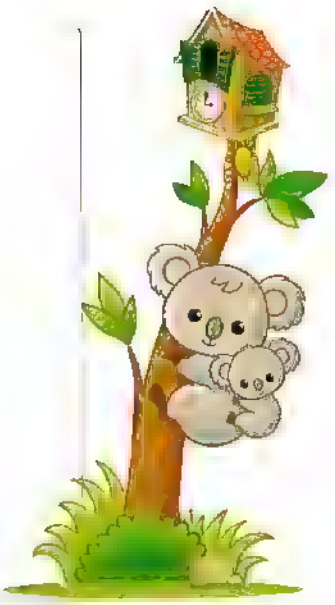
is less than

is equal to



## Choose the correct answer.

- 7 is greater than _____ ( 8 or 5 or 9 )
- 11 is less than _____ ( 10 or 9 or 12 )
- 4 is greater than _____ ( 5 or 3 or 4 )
- 10 is less than _____ ( 13 or 5 or 9 )
- _____ is greater than 9 ( 6 or 11 or 7 )
- _____ is less than 9 ( 4 or 12 or 13 )



## Write a suitable number.

6 is less than _____

8 is greater than _____

4 is less than _____

13 is greater than _____

2 is greater than _____

12 is less than _____

0 is less than _____

7 is greater than _____

11 is greater than _____

3 is less than _____

## Put the numbers in their correct places.

3 6

[ ] is greater than [ ]

4 9

[ ] is less than [ ]

10 12

[ ] is greater than [ ]

8 10

[ ] is less than [ ]

9 5

[ ] is greater than [ ]

11 7

[ ] is less than [ ]

7 8

[ ] is greater than [ ]

13 3

[ ] is less than [ ]

4 13

[ ] is greater than [ ]

12 11

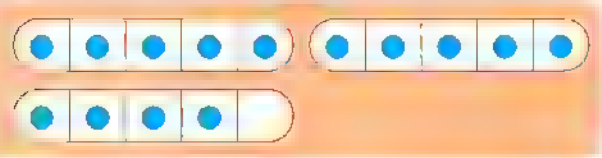
[ ] is less than [ ]

Place a smiley face

Lessons 21 & 22

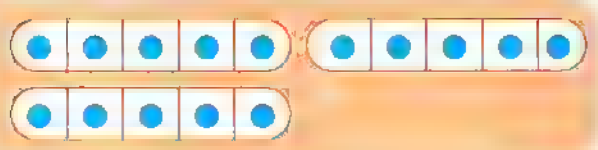
- Numbers 14 & 15
- Ordering numbers up to 15

# 14 Fourteen



Trace and write.

# 15 Fifteen



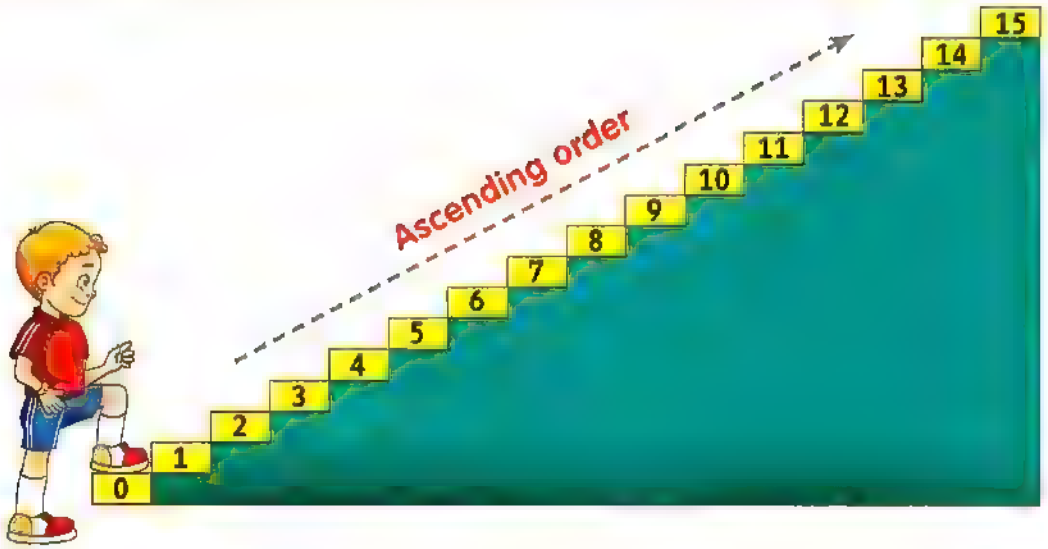
Trace and write.

Notes for parents

- Ask your child to show numbers 14 and 15 using five and ten frames.

## The ascending order

is arranging the numbers from least to greatest.

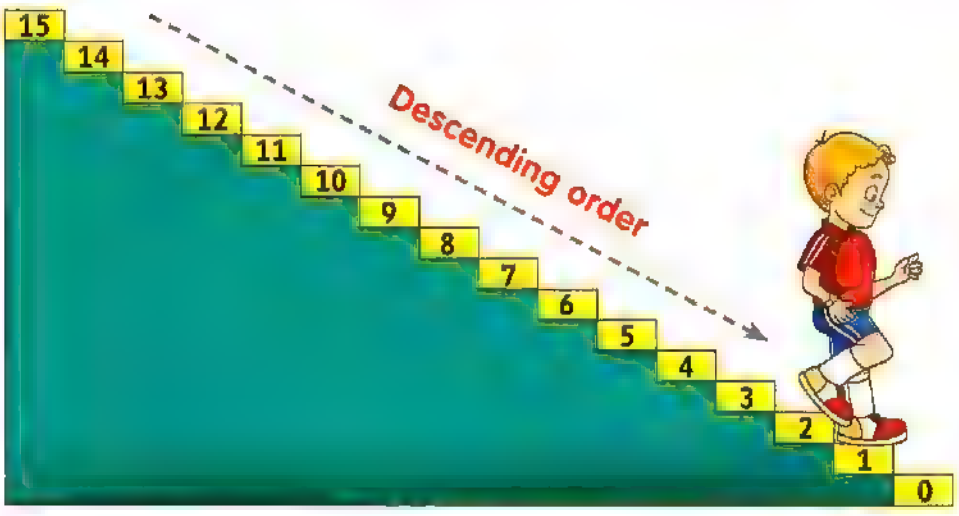



The numbers from 0 to 15 in an ascending order are

0 , 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12 , 13 , 14 , 15

## The descending order

is arranging the numbers from greatest to least.




The numbers from 0 to 15 in a descending order are

15 , 14 , 13 , 12 , 11 , 10 , 9 , 8 , 7 , 6 , 5 , 4 , 3 , 2 , 1 , 0

• Ask your child to count and write numbers from 0 to 15 in order.

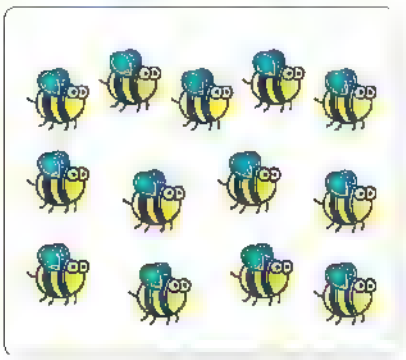
# Exercise 8

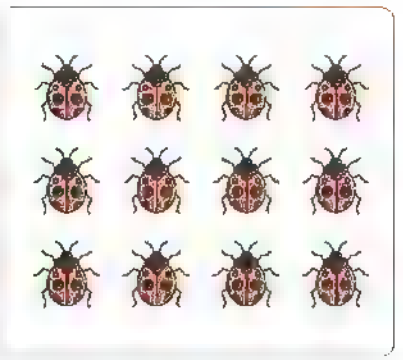
On Lessons 21 & 22

- Numbers 14 & 15
- Ordering numbers up to 15

## Numbers 14 & 15

**Count each group.**
**Draw a line from the group to the correct number.**



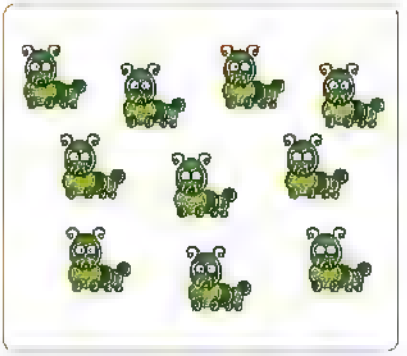


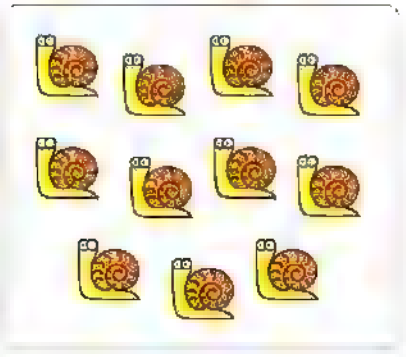
10

11

12

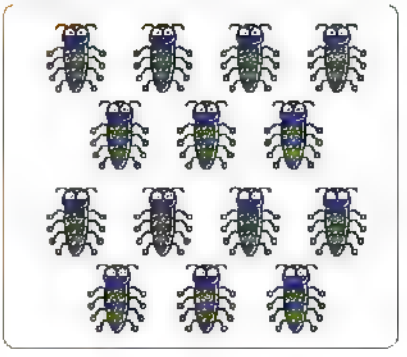
13





14

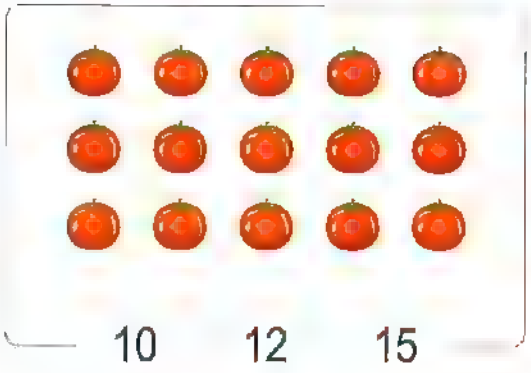
15



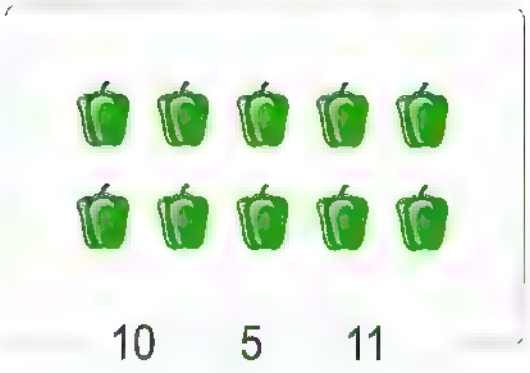
Notes for parents

## Count. Circle the correct number.

13 9 11



10 12 15

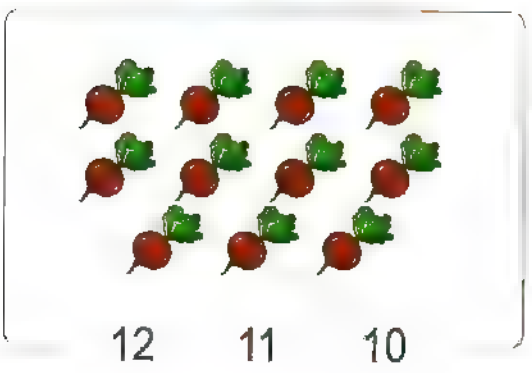


10 5 11

13 7 12

12 13 14

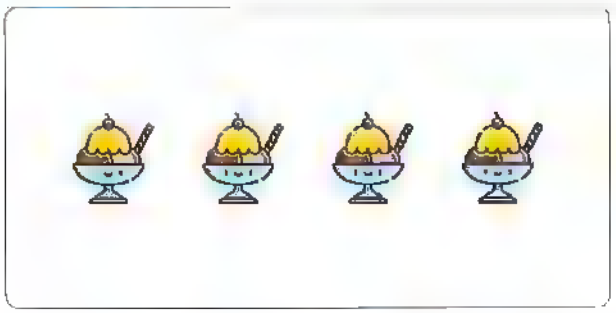
6 9 3



12 11 10

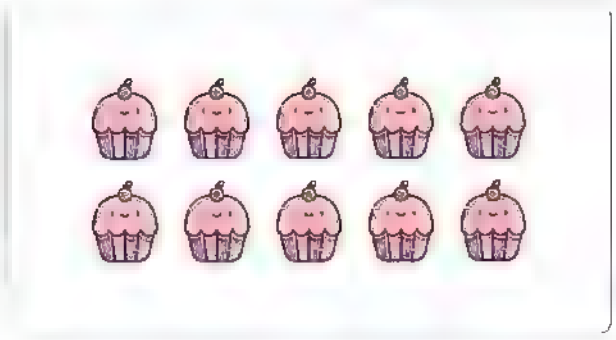
15 13 11

## Choose.

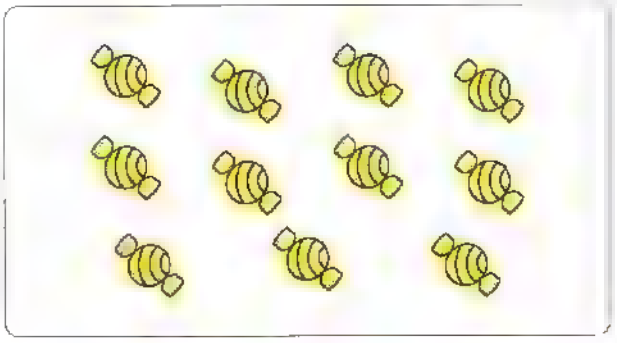


Four Ten Fourteen

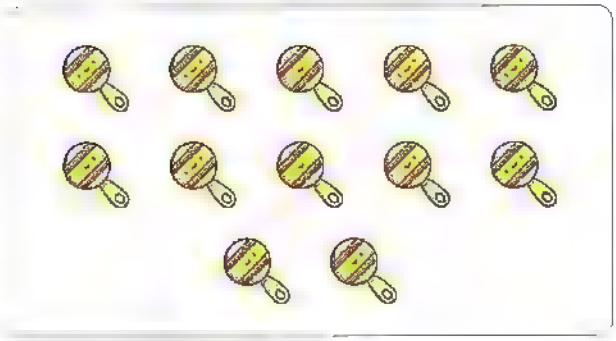
Thirteen Fourteen Fifteen



Nine Ten Fourteen



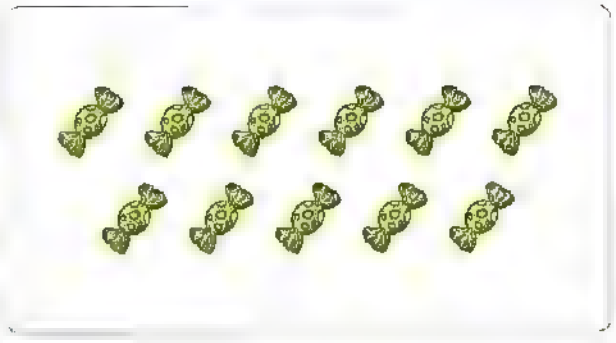
Eleven Fourteen Ten



Eleven Twelve Fourteen

Twelve Fourteen Fifteen

Seven Ten Eight

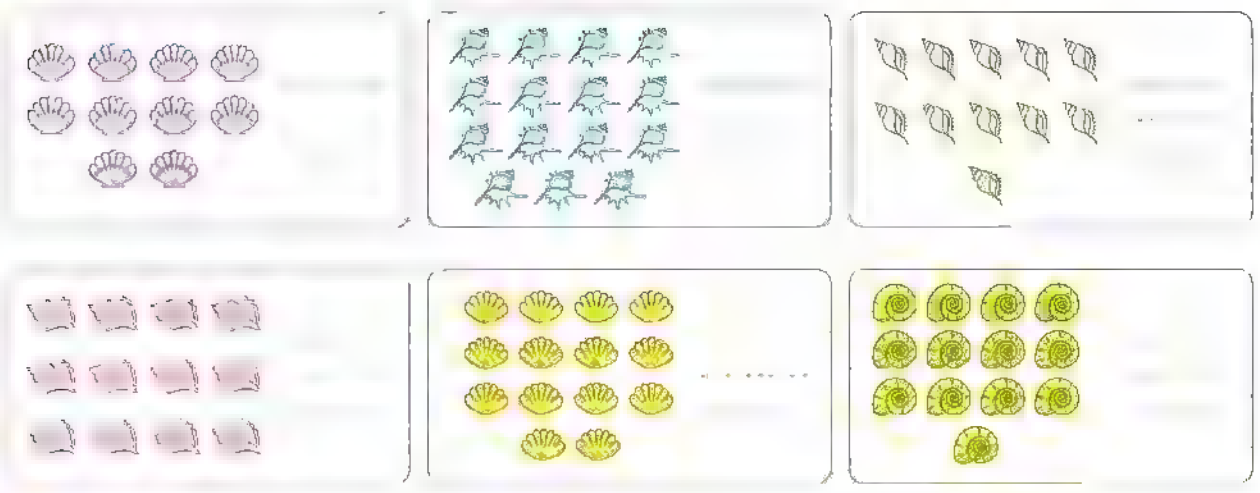


Eleven Ten Twelve

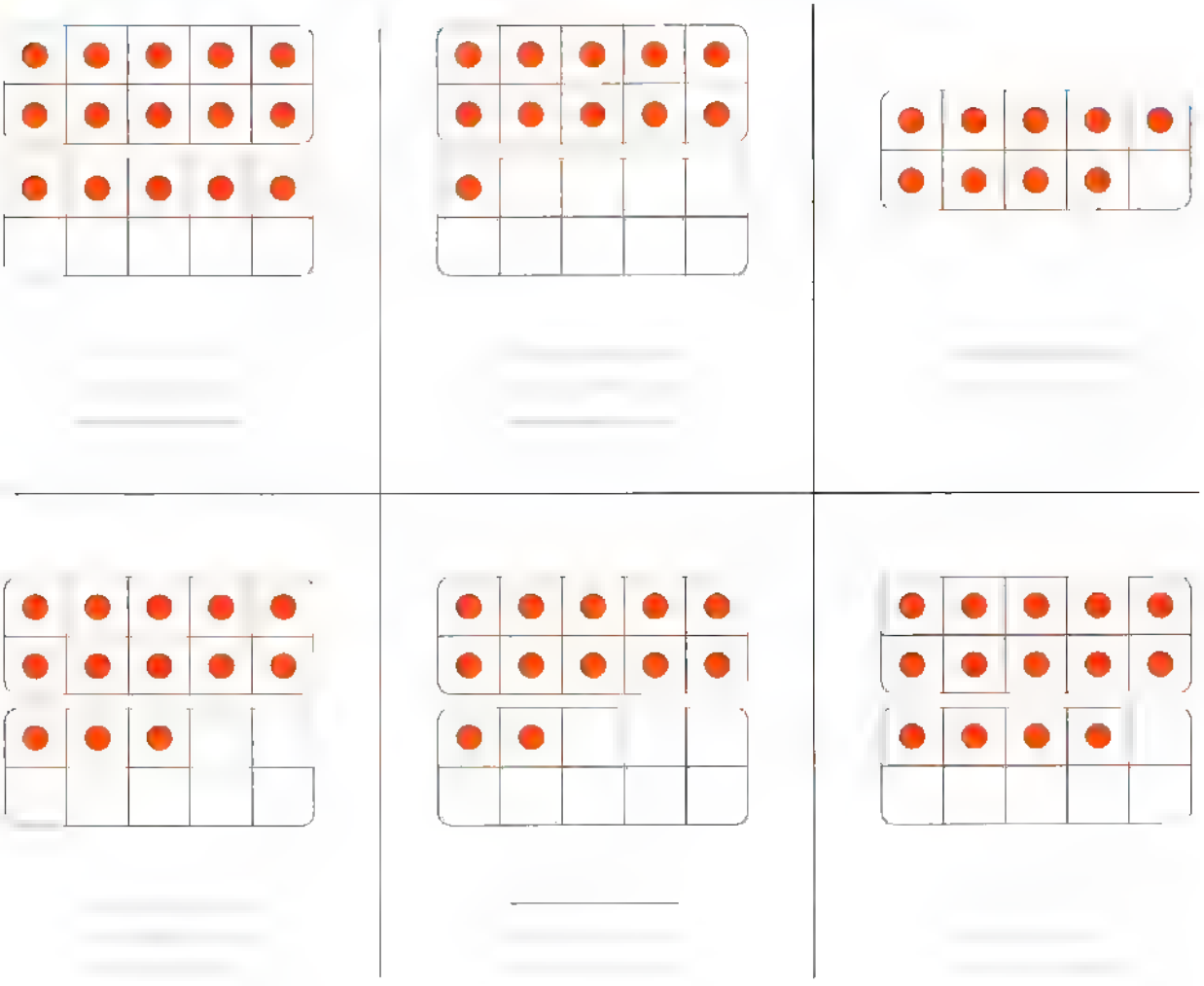
## Join.

| | |
|---|---|
| Fourteen | 15 |
| Seven | 1 |
| Four | 7 |
| One | 12 |
| Eleven | 4 |
| Five | 8 |
| Thirteen | 9 |
| Fifteen | 3 |
| Eight | 5 |
| Three | 14 |
| Twelve | 11 |
| Nine | 13 |

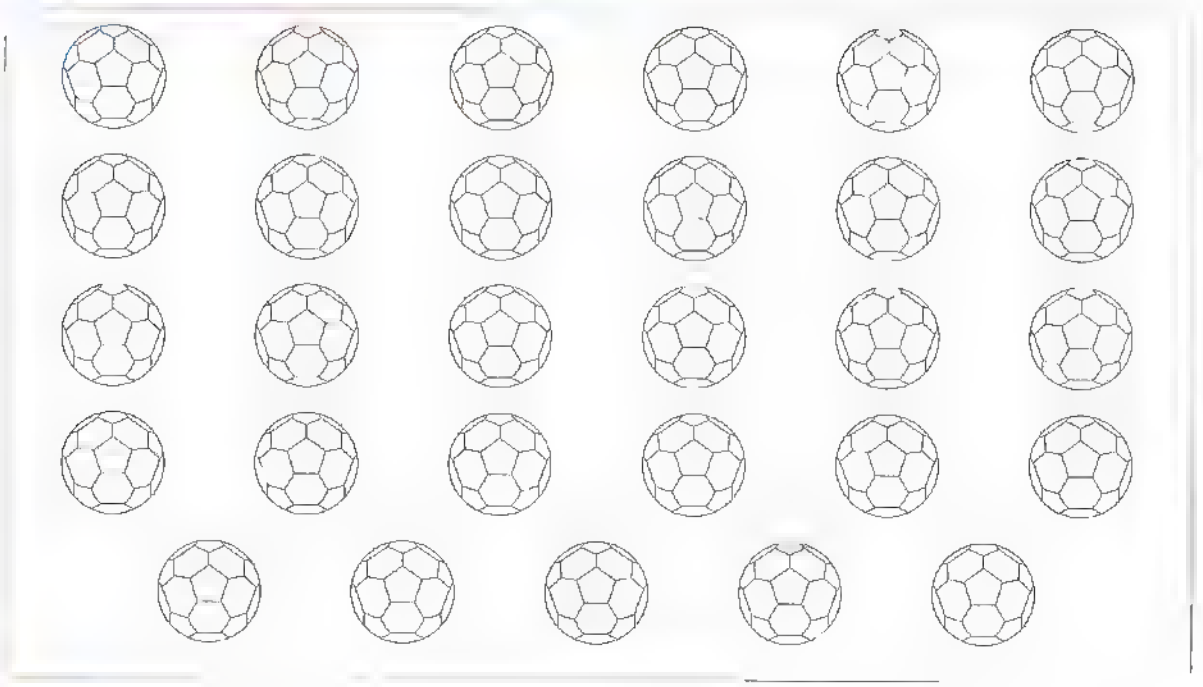
## Count. Write how many there are of each.



## Count the dots. Write the number of dots.



## Color 15 red and 14 green.



## Draw ♡ according to the given number.

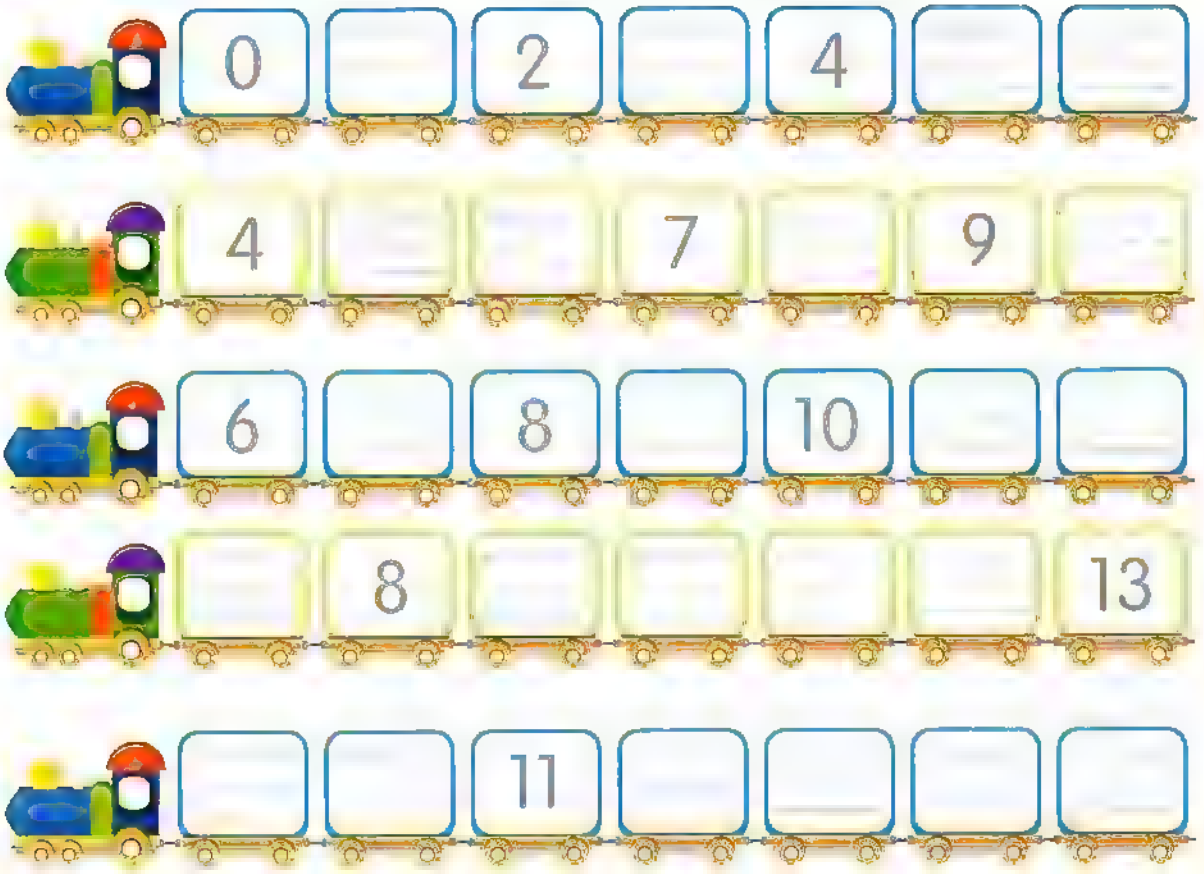
14

13

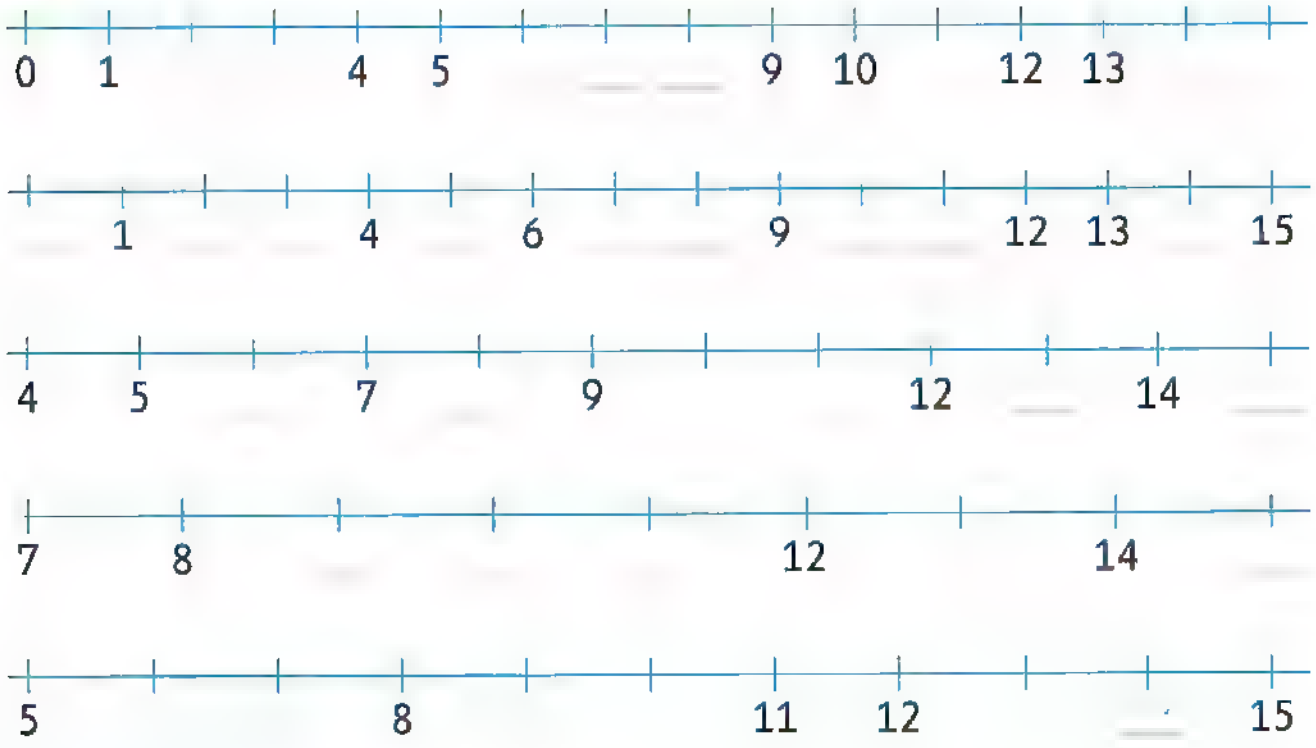
15

10

## Write the missing numbers in each train.




## Write the missing numbers on each number line.



## Arrange the numbers from the smallest to the greatest.

7 5 12 9

smallest _____ greatest

8 13 6 4

smallest _____ greatest

15 3 10 2 1

smallest _____ greatest

12 11 0 14 9

smallest _____ greatest

## Order the numbers from the greatest to the smallest.

2 7 13 8

greatest _____ smallest

1 9 12 15

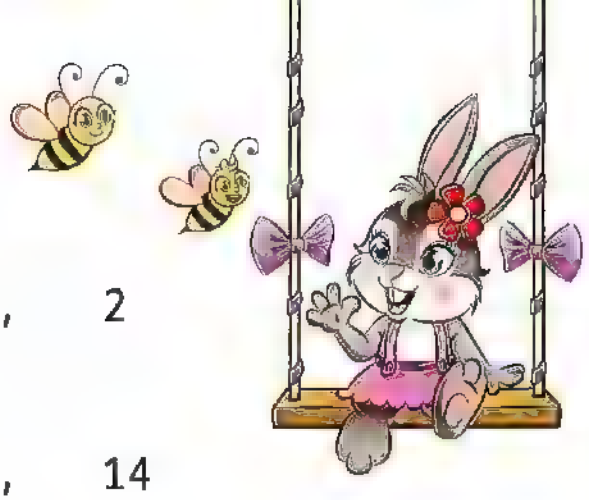
greatest _____ smallest

5 14 10 4 11

greatest _____ smallest

12 0 15 6 3

greatest _____ smallest



## Arrange in an ascending order.

- 9 , 11 , 15 , 2
- 7 , 0 , 10 , 14
- 6 , 12 , 8 , 2 , 7
- 9 , 5 , 15 , 10 , 6
- 14 , 3 , 9 , 12 , 10

## Arrange in a descending order.

- 13 , 3 , 11 , 6
- 1 , 14 , 8 , 9
- 15 , 9 , 10 , 12 , 2
- 5 , 0 , 13 , 10 , 14
- 7 , 5 , 11 , 9 , 15

## Complete.

- 12 comes just after
- 13 comes just before ____
- ____ comes just after 10
- 12 is 1 less than ____
- 10 is 1 more than ____
- ____ is 1 more than 14
- 14 comes just after
- 14 comes just before
- ____ comes just before 15
- 14 is 1 less than
- ____ is 1 less than 12
- ____ is 1 more than 10

## Write (✓) to the correct statement and (✗) to the incorrect statement.

- 15 is greater than 11 ( )
- 14 is smaller than 10 ( )
- 10 is 1 less than 9 ( )
- 12 is 1 more than 11 ( )
- 15 comes just before 14 ( )
- 13 comes just after 14 ( )
- 10 comes just before 11 ( )
- 11 is 1 less than 10 ( )

## Choose.

- Which of the following are arranged in an ascending order ?

  ( 7,9,12 or 15,9,4 or 6,9,8 )

- Which of the following are arranged in a descending order ?

  ( 10,7,12 or 12,5,0 or 6,3,4 )

Place a smiley face

Lessons

# 23 & 24 Comparing numbers using >, < and =

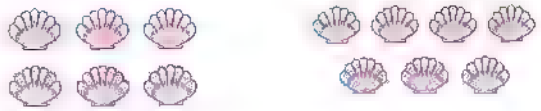
| Greater than | Less than | Equal to |
|---|---|---|
| > | < | = |

## Greater than :

7 is **greater** than 4

7 > 4

## Less than :



6 is **less** than 7

6 < 7

## Equal to :

5 is **equal** to 5

5 = 5

**Hint for parents :**

Tell your child that the bigger part of the symbol - it almost looks like a wide open mouth - is pointing toward the greater number.

**Notes for parents**

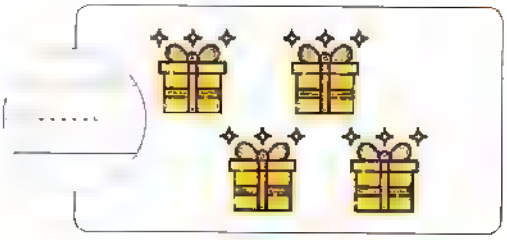
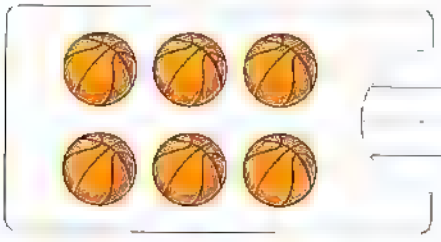
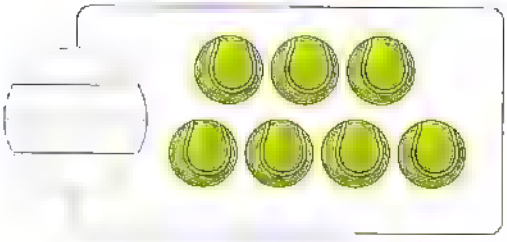
- Give your child two numbers and ask your child to compare between them using symbols.

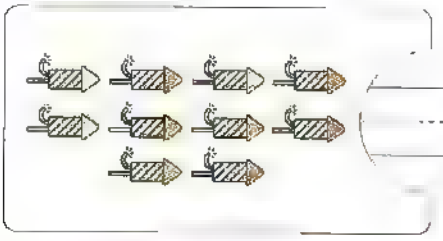
# Exercise 9

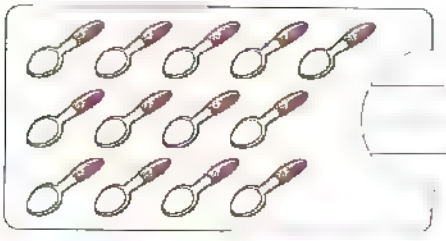
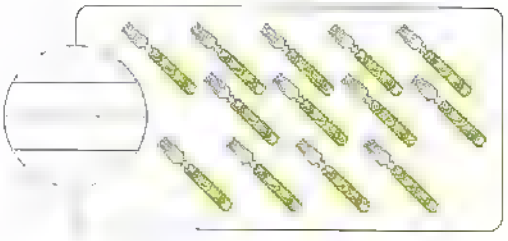
On Lessons 23 & 24

## Comparing numbers using > , < and =

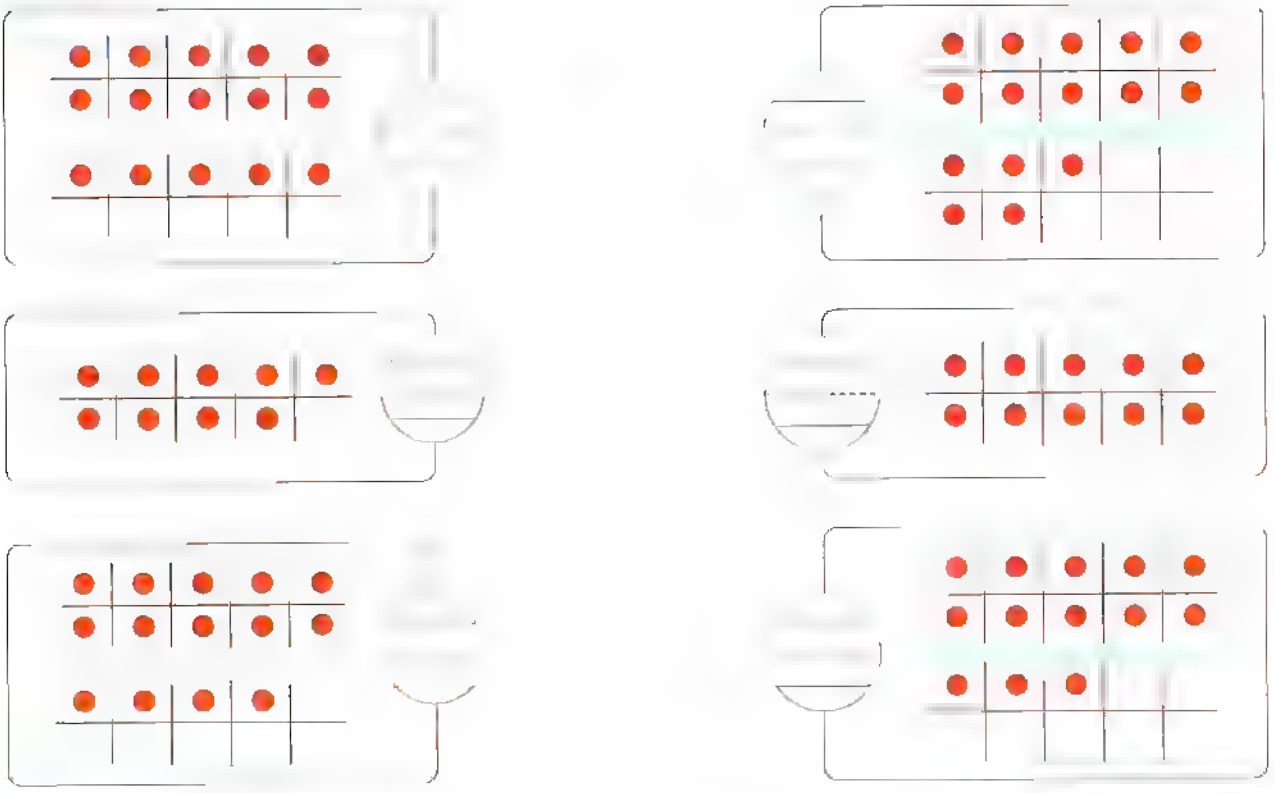
**Write how many are in each group. Put the suitable symbol > , < or =.**

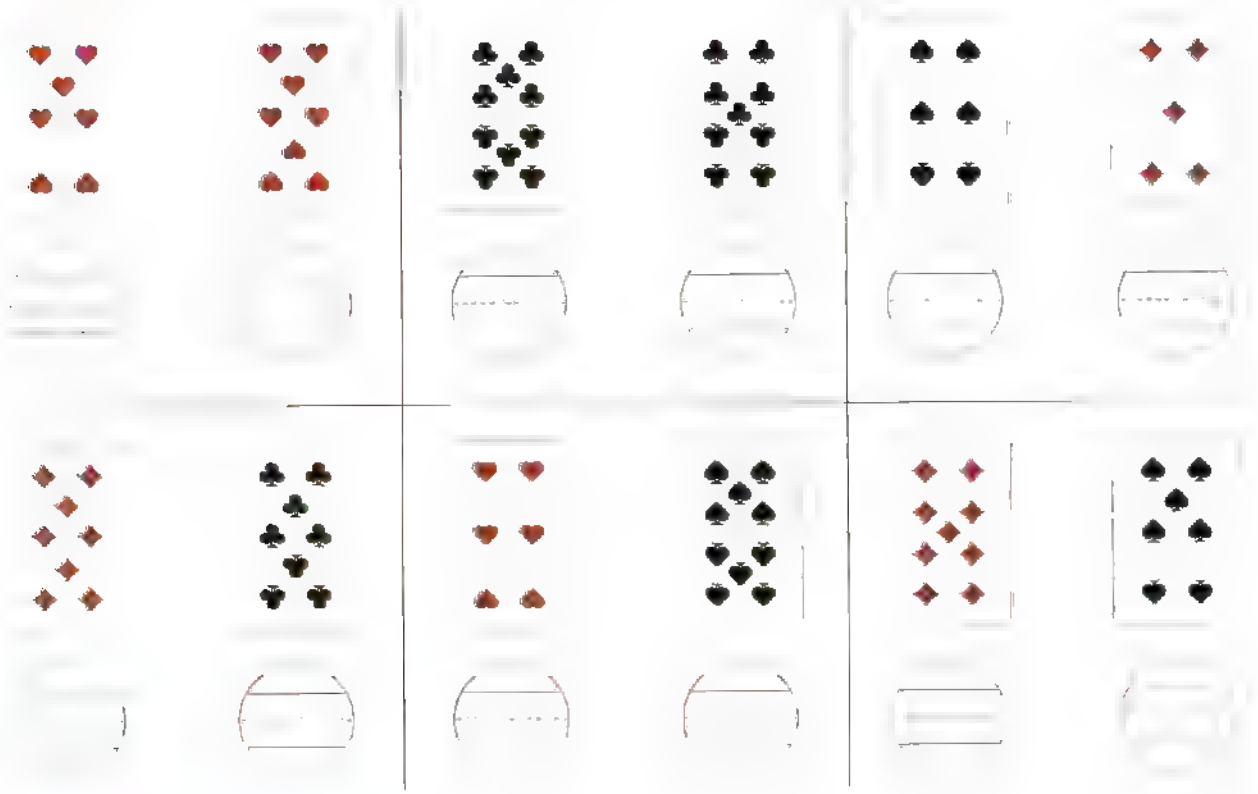


## Write the number of dots. Complete with ( > , = or < ).



## Write the number of items. Compare with ( > , = or < ).



## Complete with ( > , < or = ).

| | | |
|---|---|---|
| 3 ____ 5 | 11 ____ 6 | 8 ____ 0 |
| 10 ____ 10 | 4 ____ 7 | 11 ____ 14 |
| 15 ____ 13 | 8 ____ 8 | 14 ____ 12 |
| 10 ____ 11 | 14 ____ 4 | 5 ____ 15 |
| 2 ____ 12 | 10 ____ 9 | 7 ____ 8 |

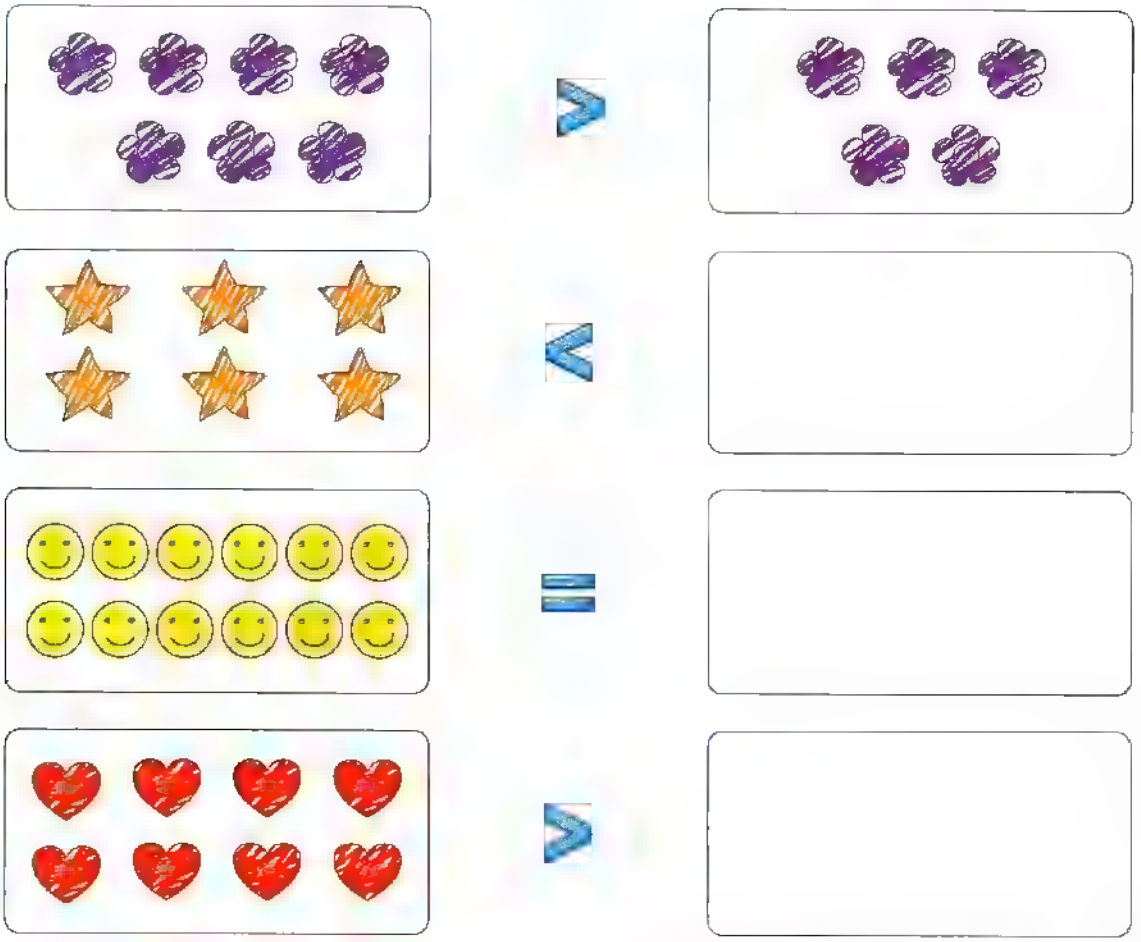
## Complete with ( > , < or = ).

| | |
|---|---|
| ten ____ nine | seven ____ eleven |
| fourteen ____ fifteen | eight ____ four |
| 7 ____ eight | zero ____ 10 |
| twelve ____ 12 | six ____ five |
| ten ____ seven | three ____ 11 |
| fourteen ____ 13 | thirteen ____ 14 |

## Choose the correct answer.

| | |
|---|---|
| 5 < ☐<br>7 4 3 | 13 > ☐<br>10 14 15 |
| 8 > ☐<br>9 2 11 | 7 = ☐<br>7 6 8 |
| ☐ > 3<br>0 5 1 | ☐ < 1<br>3 6 0 |
| 4 > ☐<br>5 10 3 | ☐ > 9<br>8 12 7 |
| 14 < ☐<br>9 15 10 | ☐ = 10<br>8 9 10 |
| ☐ < 12<br>11 13 14 | 9 > ☐<br>7 11 13 |
| ☐ > 8<br>6 8 12 | ☐ > 13<br>12 10 15 |

## Draw a suitable number of items as in the example.



## Complete with a suitable number.

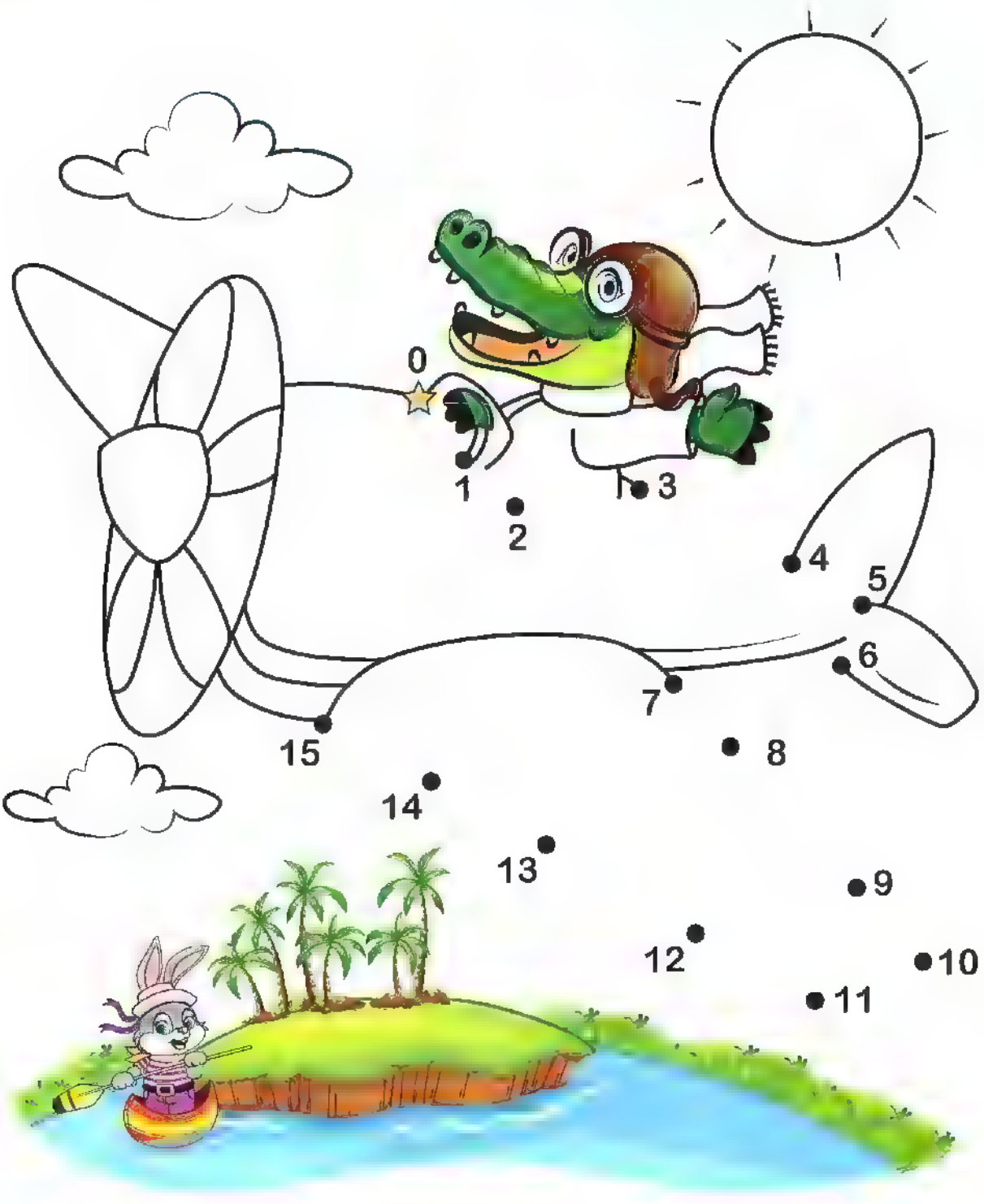
| | | |
|---|---|---|
| < 10 | 15 > ..... | 13 < .. |
| > 11 | ..... = 14 | 12 > .. |
| 9 < ... .. | . ..... > 0 | . ..... < 7 |
| ..... . = 13 | 6 < ..... | 11 > . |

Place a smiley face

# Art Corner

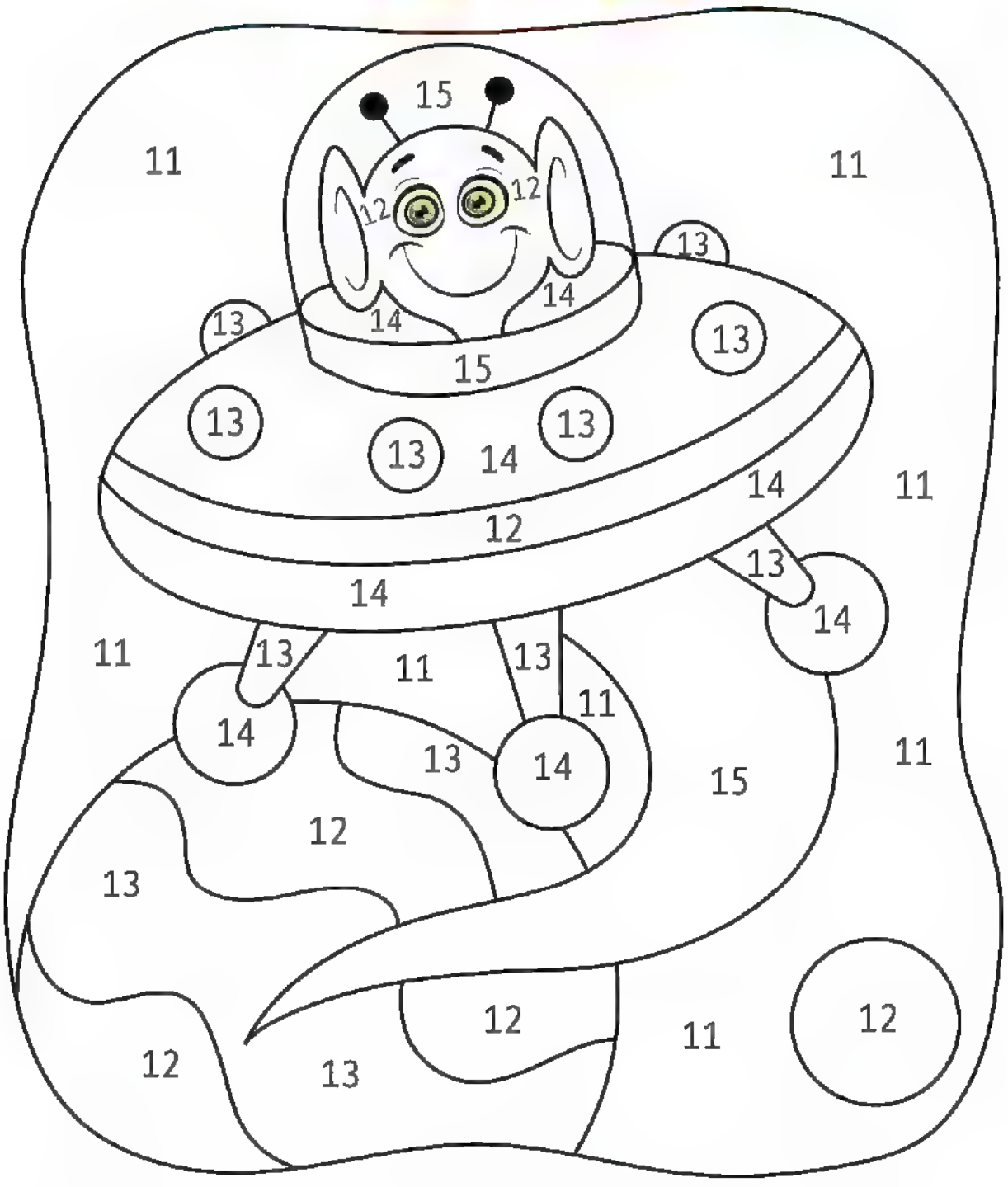
Chapter 3

Connect the dots from 0 to 15. Color the picture.



## Color the spaces.

11 Purple  12 Green  13 Orange  14 Red  15 Yellow



# CHAPTER 4

## • Outcomes of lessons

### ▶ Lessons 25 & 26

- Participate in calendar math activities.
- Identify the days of the week that are today, tomorrow and yesterday.
- Count, read and write 16 and 17.
- Use objects to count numbers and find 10 more.

### ▶ Lessons 28 & 29

- Participate in calendar math activities.
- Count, read and write 18 , 19 and 20.
- Create visual representations of 18 , 19 and 20.

### ▶ Lesson 27

- Participate in calendar math activities.
- Identify the days of the week that are today, tomorrow and yesterday.
- Organize data into a picture graph.
- Answer questions about data in a picture graph.

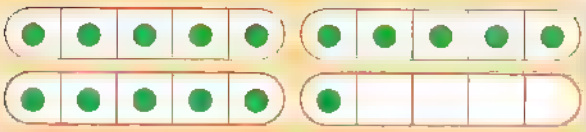
### ▶ Lesson 30

- Participate in calendar math activities.
- Represent data using bar graph.
- Answer questions about data in a bar graph.

Lesson

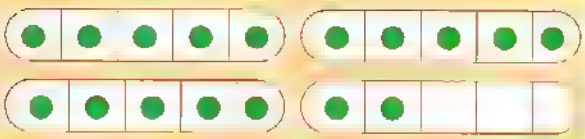
# 25 & 26 Numbers 16 & 17

## 16 Sixteen



Trace and write.

## 17 Seventeen



Trace and write.

**Notes for parents**

- Ask your child to make a train of 16 paper clips, and make another train of 17 paper clips.

# Exercise 10

On Lessons 25 & 26

## Numbers 16 & 17

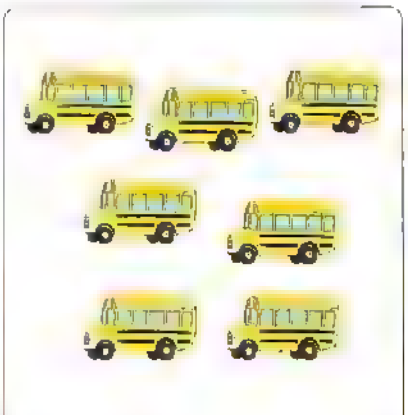
Circle the number that shows how many.

15 16 17

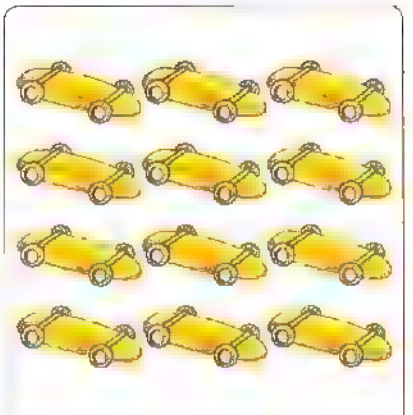
17 16 15

12 14 16

13 17 16

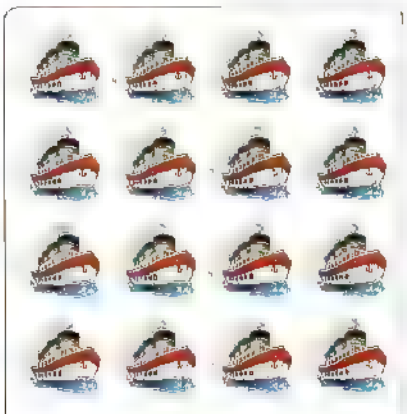


17 7 5

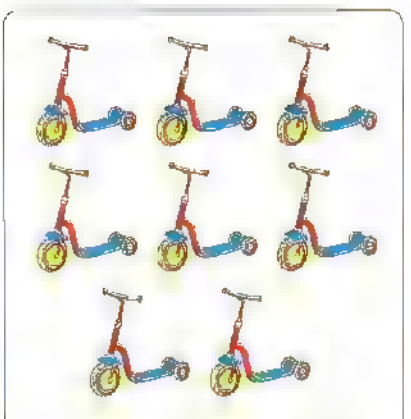


10 11 12

17 16 15



13 17 16



8 9 10

## Join.

Seven

16

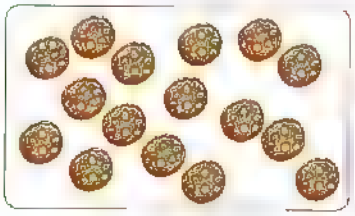
Seventeen

15

Fourteen

12

Sixteen



11

Eleven

17

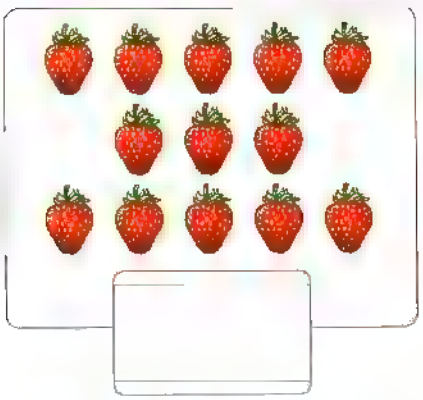
Fifteen

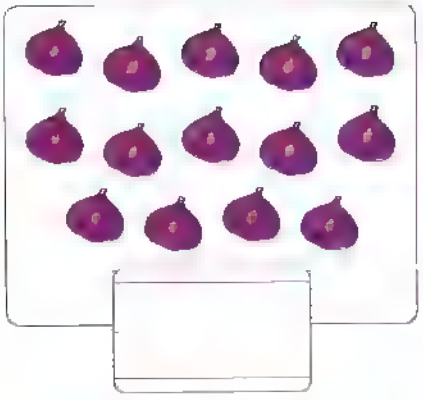
7

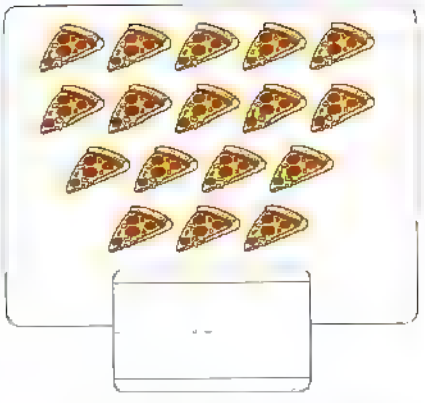
Twelve

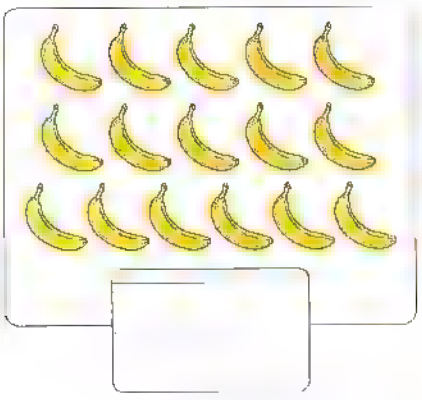
14

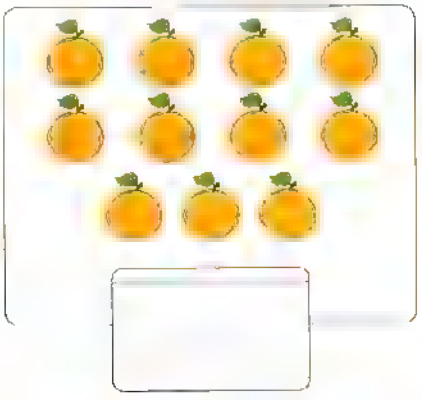
## Count. Write the number.

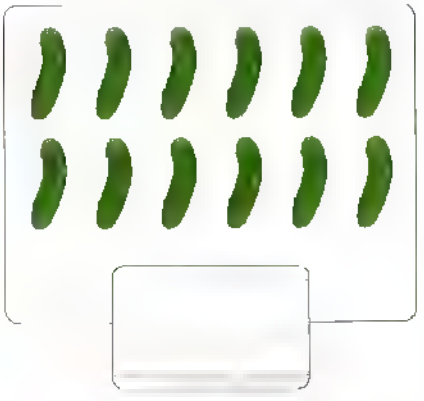


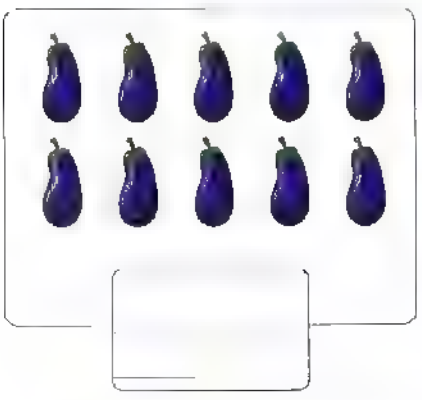


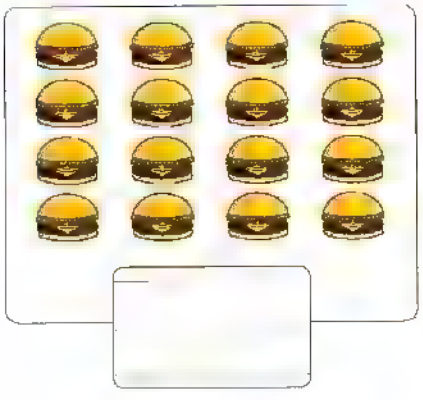


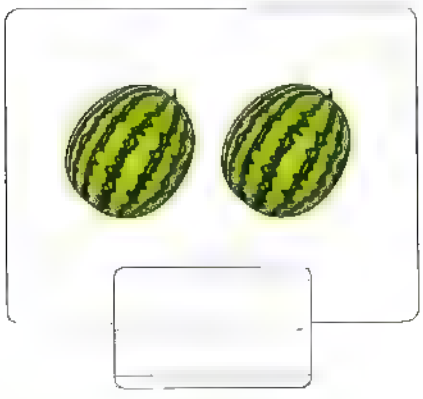


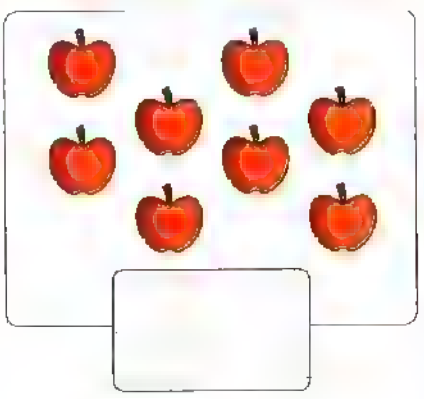




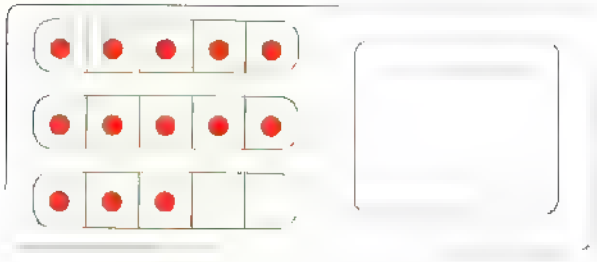


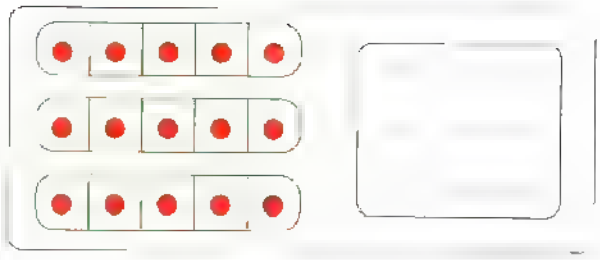


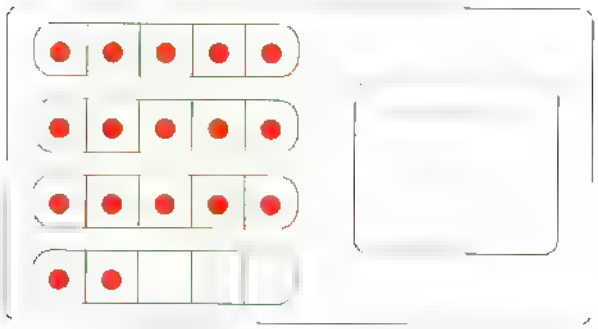


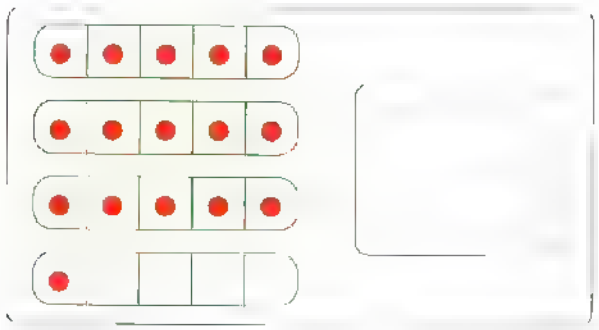


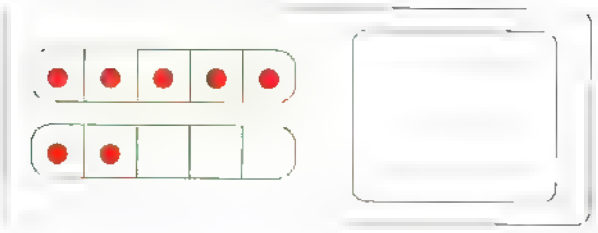
## Write the number.

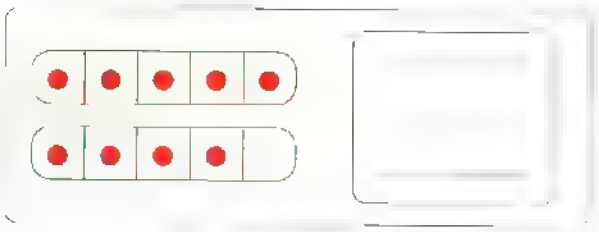


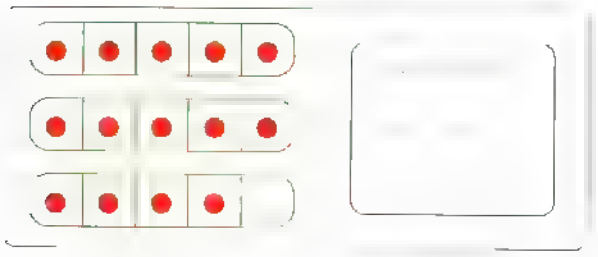


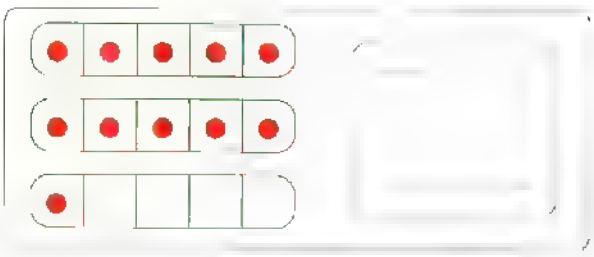


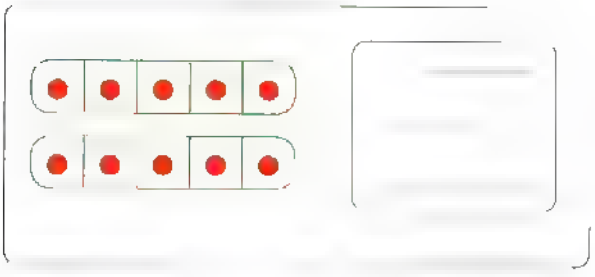


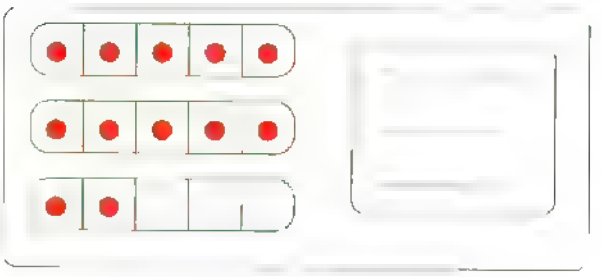










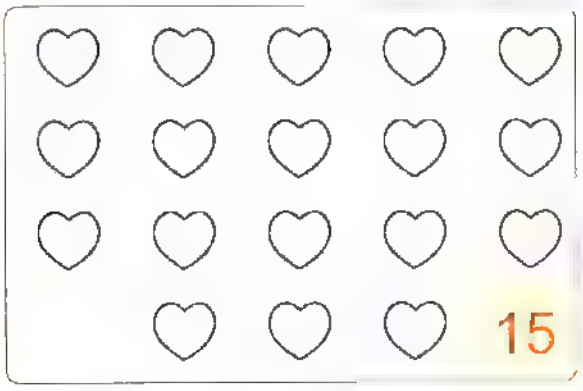


## Color ♡ according to the given number.

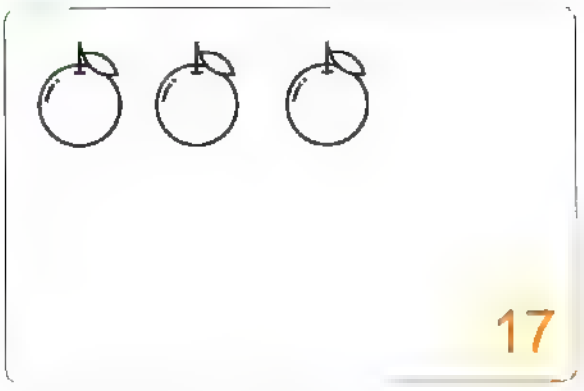
16

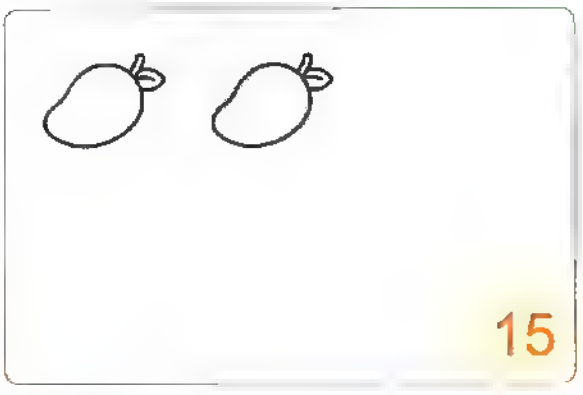
17

14

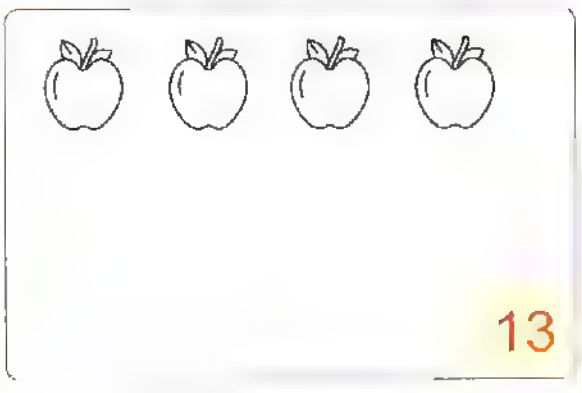

15

## Complete drawing to get the given number.

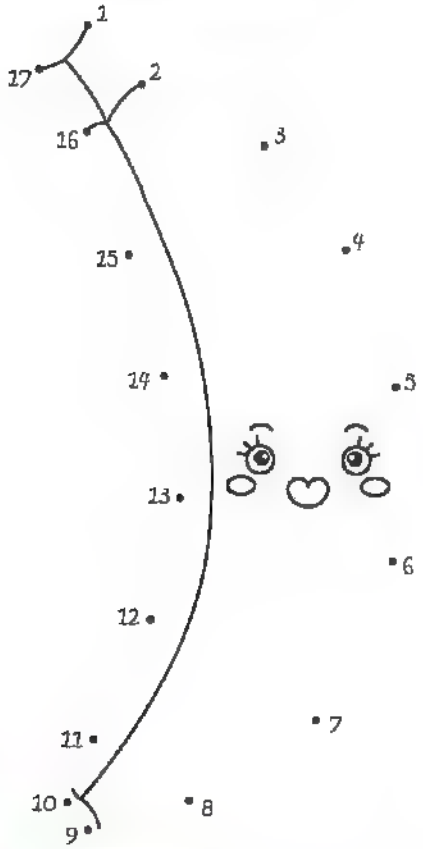

17


15

16

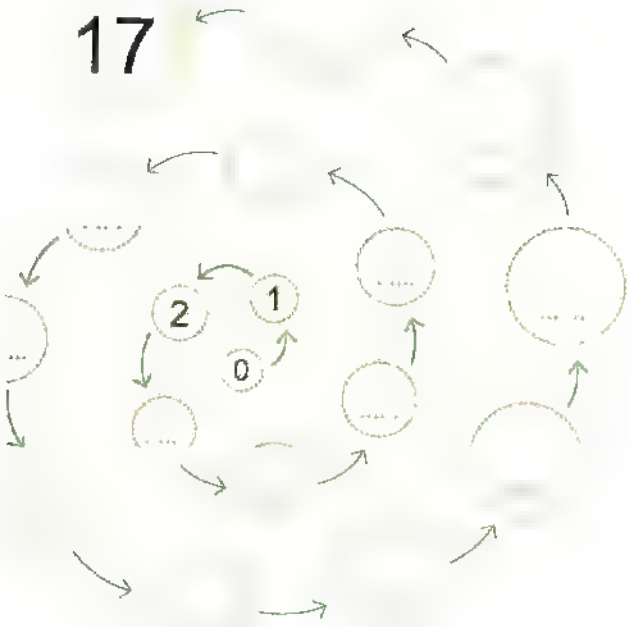

13

## Connect the dots from 1 to 17 to make a banana and then color it.



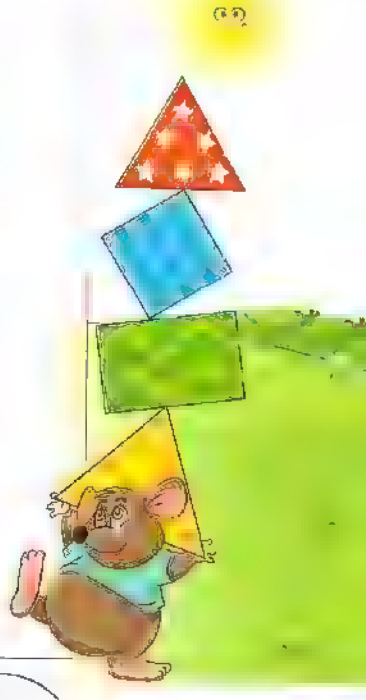

## Complete.

17




## Choose.

- 16 < ( 15 or 16 or 17 )
- Seventeen = ( 14 or 16 or 17 )
- 15 > ___ ( 14 or 15 or 17 )
- 16 is 1 more than ___ ( 15 or 16 or 17 )
- 15 is 1 less than ___ ( 14 or 16 or 17 )
- 16 comes just after ___ ( 15 or 16 or 17 )
- ___ comes just before 17 ( 15 or 16 or 17 )
- ___ comes just after 15 ( 14 or 16 or 17 )
- Twelve comes just after ___ ( 11 or 12 or 13 )

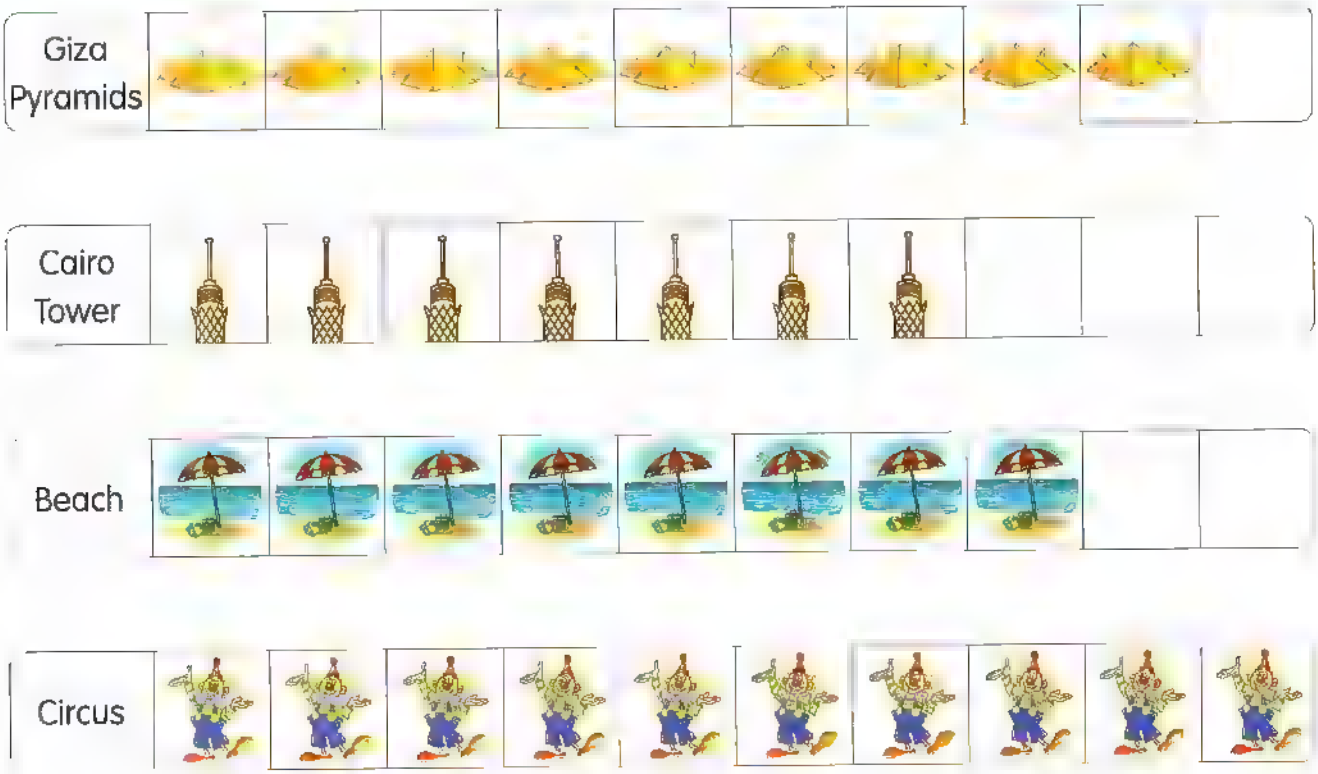


Place a smiley face

Lesson 27

# Picture graph

Here is a picture graph for the most favourite places for a picnic votes.




## From the picture graph :

- Number of votes for = 9
- Number of votes for = 7
- Number of votes for = 8
- Number of votes for = 10
- The place that has got the most votes is
- The place that has got the least votes is

**Notes for parents**

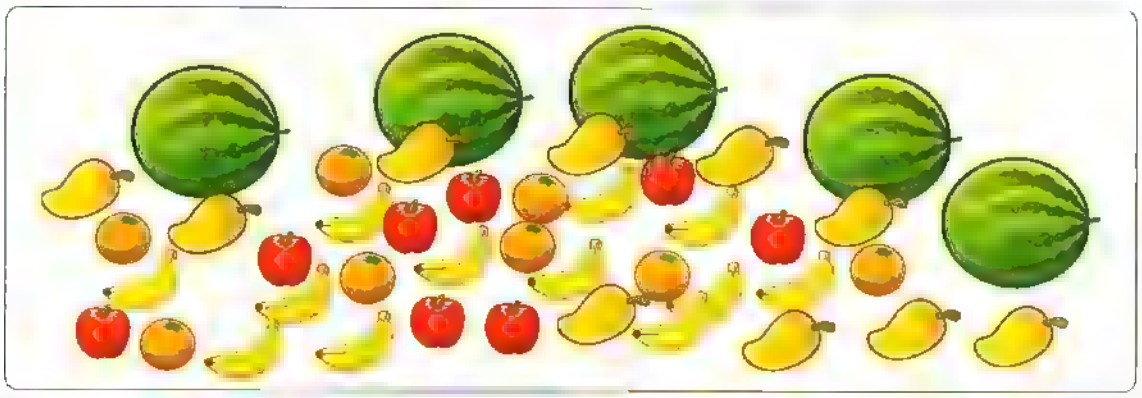
- Make with your child a vote in the family about a place to go for a picnic using a picture graph.
- Ask your child to use picture graph to compare between pieces of information.

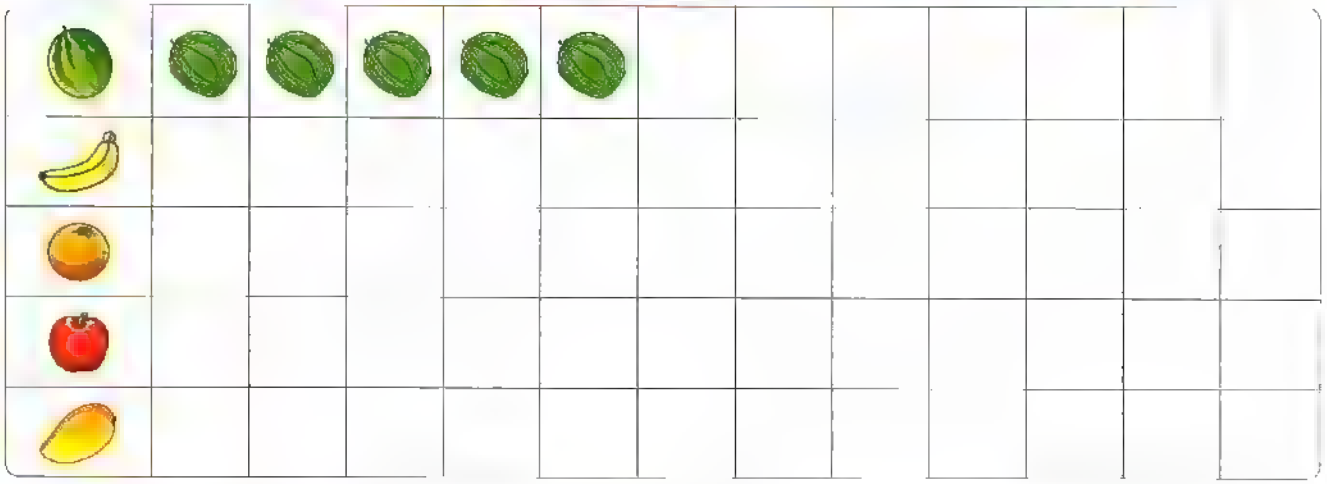
# Exercise 11

On Lesson 27

## Picture graph

**Pick each piece of fruits and draw it in the suitable row.**





**Use the picture graph to complete.**

- Number of = ☐
- Number of = ☐
- Number of = ☐
- Number of = ☐
- Number of = ☐

**Put ( > , < or = ).**

- Number of ☐ Number of
- Number of ☐ Number of
- Number of ☐ Number of
- Number of ☐ Number of

## Use the following picture to complete the picture graph.

## Mark ✓ for the correct choice.

- What object has the most number ?

- What object has the least number ?

## Put ( > , < or = ).

- Number of ☐ Number of
- Number of ☐ Number of
- Number of ☐ Number of
- Number of ☐ Number of

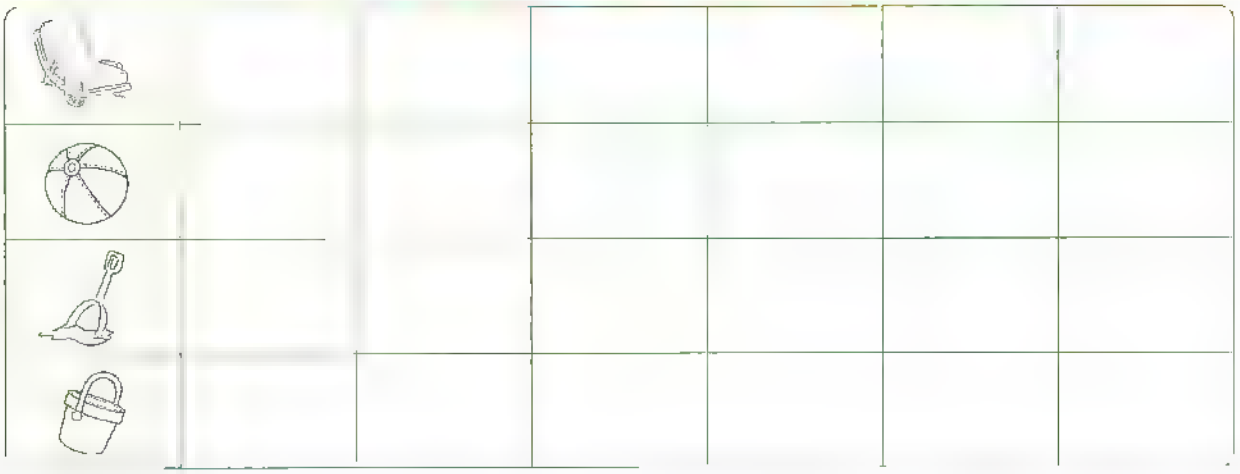
## Complete.

- The number of =
- The number of =
- The number of =
- The number of =
- The number of = ____
- The number of =

## Write (✓) to the correct statement and (✗) to the incorrect statement.

- The number of is greater than number of ( )
- The number of is smaller than number of ( )
- The number of is greater than number of ( )
- The number of is equal to the number of ( )
- The number of is greater than number of ( )

## Use the following picture to complete the picture graph.



## Put ( > , < or = ).

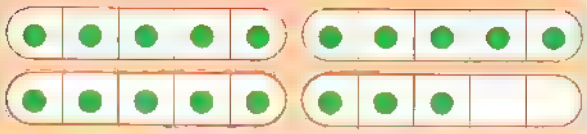
- Number of ☐ Number of
- Number of ☐ Number of
- Number of ☐ Number of

Place a smiley face

Lessons

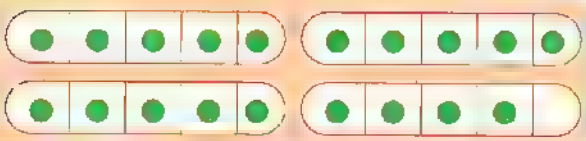
# 28 & 29 Numbers 18 , 19 and 20

## 18 Eighteen



Trace and write.

## 19 Nineteen

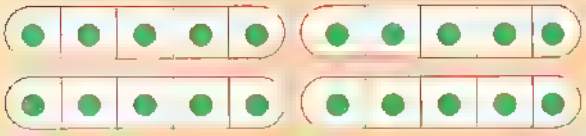


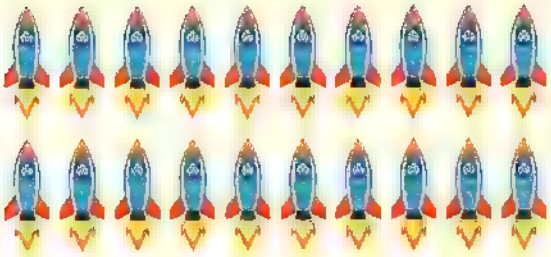
Trace and write.

**Notes for parents**

- Place a blank sheet of paper and help your child to use colored clay to form the numbers 18,19 and 20

# 20 Twenty





Trace and write.

Notes for parents

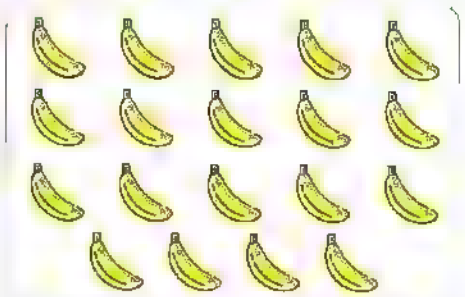
• Give your child small objects and ask him/her to set them in group of 18,19 and 20.

Exercise 12

On Lessons 28 & 29

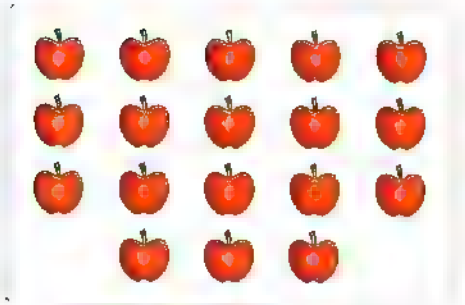
# Numbers 18 , 19 and 20

## Match.



17

18

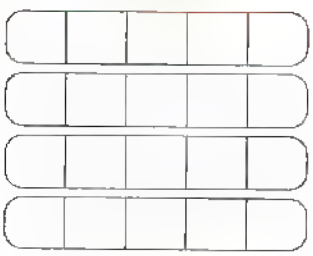


19

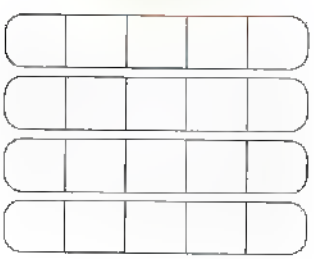
20

## Plot dots in five frames to represent the number.

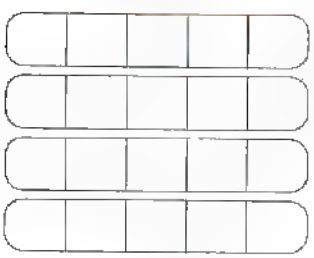
18



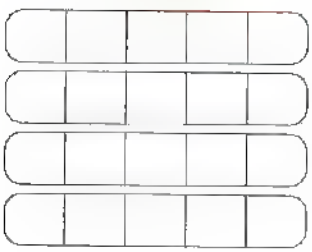
16



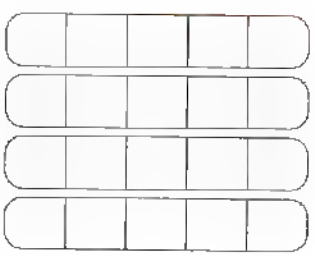
20



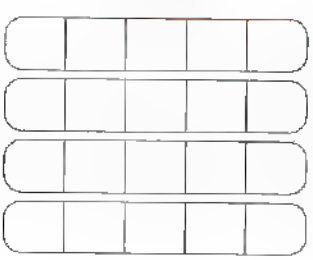
19



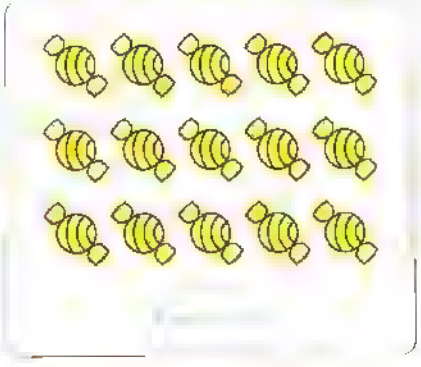
17

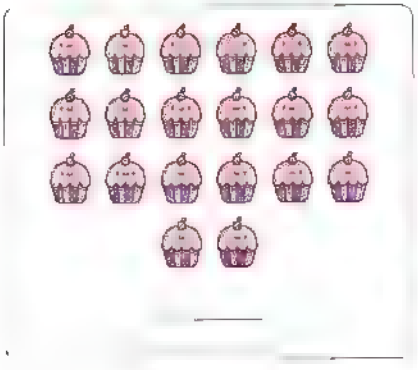


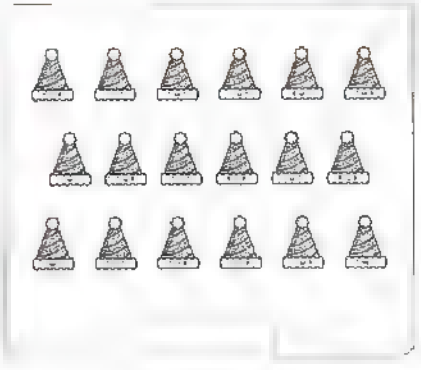
15



## Count. Write the correct number.







## Draw ● according to the number.

18 19 20

**Write the number, then put a suitable symbol ( > , < or = ).**
**The first one is done for you.**

## Write the number that comes just after.

| | | |
|---|---|---|
| 14 | 19 | 16 |
| 12 | 13 | 9 |
| 17 | 7 | 18 |

## Write the number that comes just before.

| | | |
|---|---|---|
| 11 | 17 | 13 |
| 20 | 14 | 19 |
| 15 | 18 | 8 |

## Arrange in an ascending order.

- 17 , 10 , 20 , 8

  The order is : _____

- 9 , 3 , 19 , 11 , 6

  The order is : _____

## Arrange in a descending order.

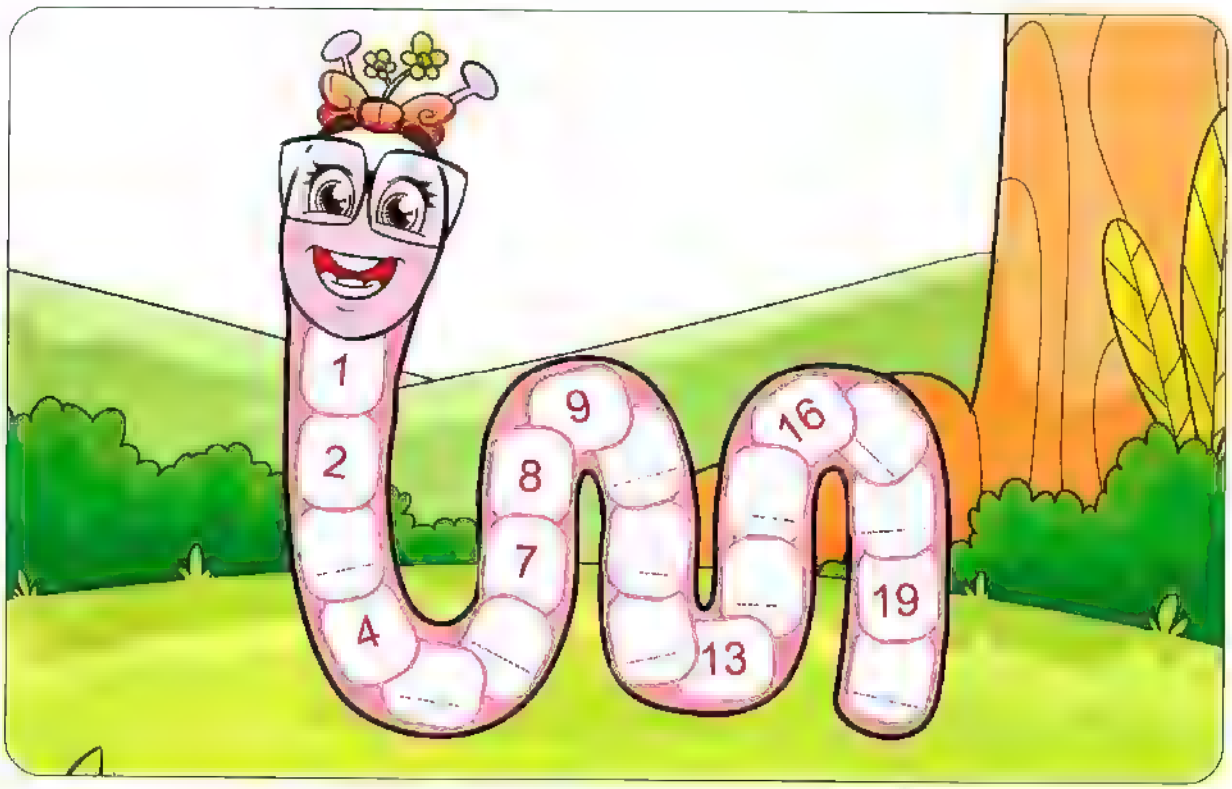
- 14 , 8 , 18 , 15

  The order is : _____

- 13 , 4 , 9 , 20 , 2

  The order is : _____

## Complete.



## Choose the correct answer.

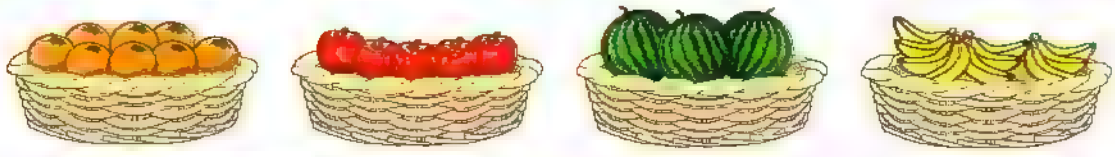
- 15 17 ( > or = or < )
- 20 19 ( > or = or < )
- 18 comes just after ( 19 or 18 or 17 )
- 14 comes just before ( 13 or 15 or 16 )
- 19 comes just before ( 18 or 19 or 20 )
- 9 comes just after ( 10 or 8 or 11 )
- comes just before 18 ( 19 or 17 or 10 )
- comes just after 15 ( 16 or 17 or 18 )
- 16 > ( 18 or 17 or 13 )
- 14 < ( 20 or 11 or 9 )
- > 15 ( 13 or 8 or 19 )
- < 18 ( 19 or 16 or 20 )
- > 19 ( 18 or 9 or 20 )
- 15 is less than ( 9 or 12 or 18 )
- 11 is more than ( 20 or 19 or 9 )
- is less than 9 ( 8 or 12 or 13 )
- is more than 12 ( 10 or 15 or 7 )

Place a smiley face

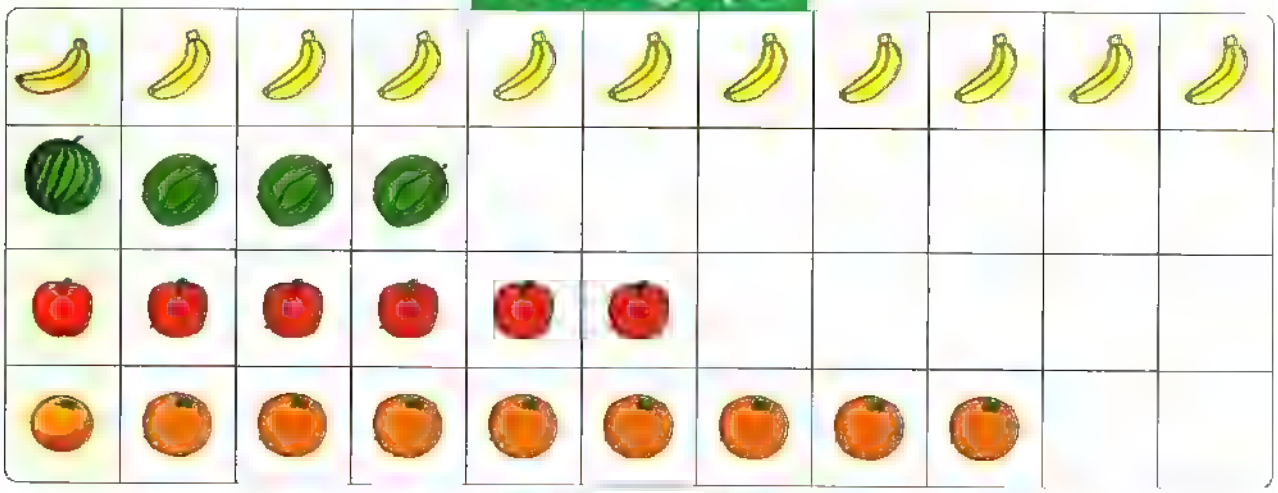
Lesson

# 30 Bar graph

## Picture graph and bar graph



### Picture graph



### Bar graph

**Notes for parents**

- Make with your child a bar graph using number of tools on his/her table such as: spoons,forks,cups and knifes.

# Exercise 13

On Lesson 30

## Bar graph

**Color according to the number of each item in the picture.**

| | | | | | |
|---|---|---|---|---|---|
| 7 | | | | | |
| 6 | | | | | |
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | | | | |
| 1 | | | | | |
| | | | | | |

**Mark ✓ for the correct choice.**

- The most number is of

☐ ☐ ☐ ☐ ☐

- The least number is of

☐ ☐ ☐ ☐ ☐

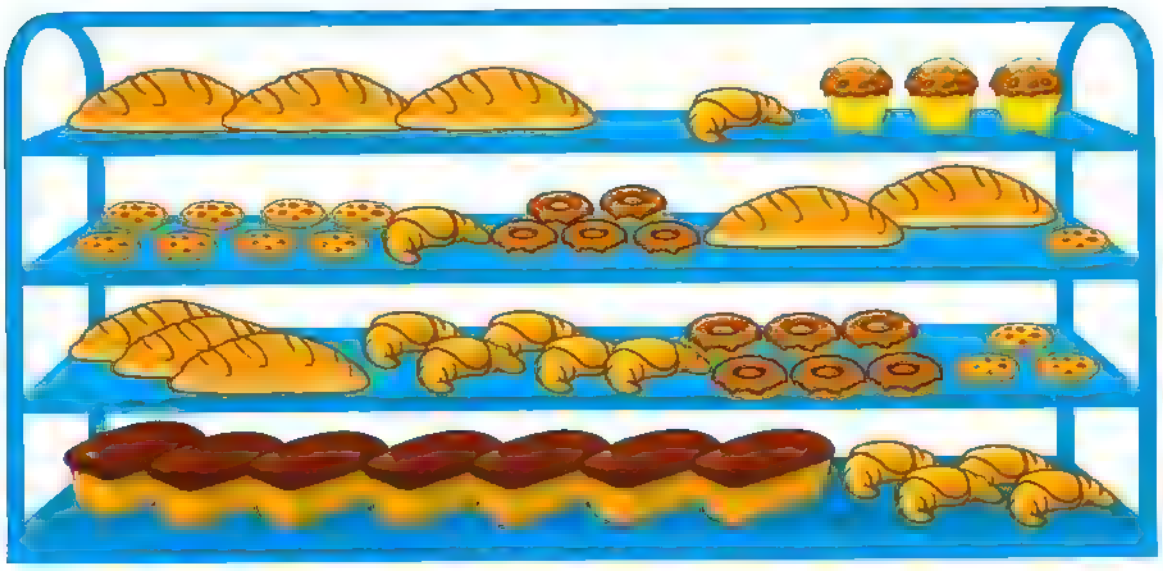
## Color according to the number of each item in the picture.

| | | | | |
|---|---|---|---|---|
| 10 | | | | |
| 9 | | | | |
| 8 | | | | |
| 7 | | | | |
| 6 | | | | |
| 5 | | | | |
| 4 | | | | |
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |

## Mark ✓ for the correct choice.

- The most number is of ☐ ☐ ☐ ☐
- The least number is of ☐ ☐ ☐ ☐

**Color a space in the graph to show how many of each treats are in the bakery.**



Number of Bakery Treats

| | | | | | | |
|---|---|---|---|---|---|---|
| 12 | | | | | | |
| 11 | | | | | | |
| 10 | | | | | | |
| 9 | | | | | | |
| 8 | | | | | | |
| 7 | | | | | | |
| 6 | | | | | | |
| 5 | | | | | | |
| 4 | | | | | | |
| 3 | | | | | | |
| 2 | | | | | | |
| 1 | | | | | | |
| | | | | | | |

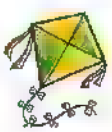
## Count. Color according to the number.

| | | | | |
|---|---|---|---|---|
| 8 | | | | |
| 7 | | | | |
| 6 | | | | |
| 5 | | | | |
| 4 | | | | |
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |
| | | | | |

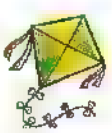
## Complete.

- The number of = ____
- The number of = ____
- The number of = ____
- The number of = ____

## Circle the toy which has the most number.



## Circle the toy which has the least number.



## Color according to the number of each item in the picture.

| | | | | | |
|---|---|---|---|---|---|
| 10 | | | | | |
| 9 | | | | | |
| 8 | | | | | |
| 7 | | | | | |
| 6 | | | | | |
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | | | | |
| 1 | | | | | |
| | | | | | |

## Put ( > , < or = ).

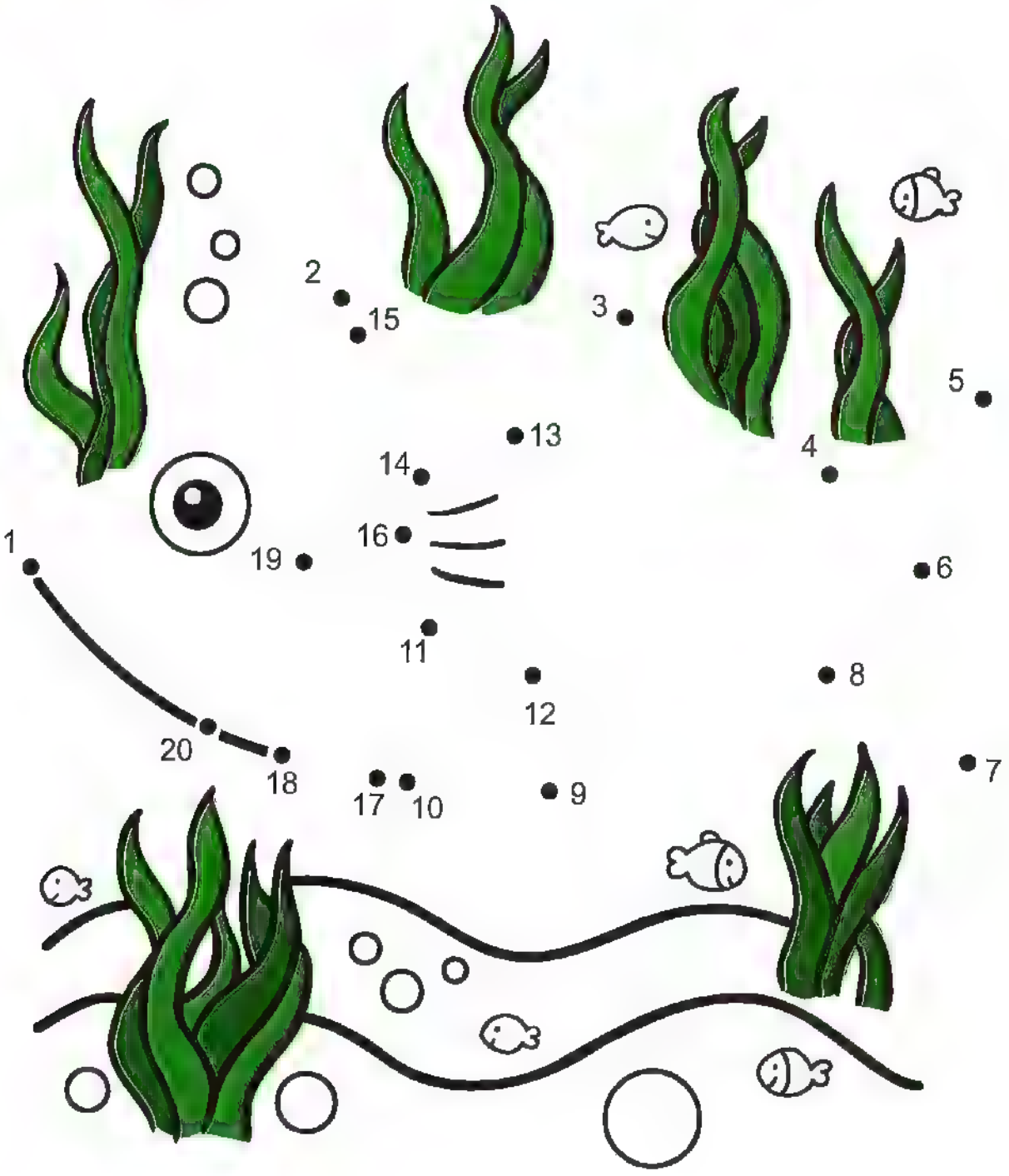
- Number of ____ Number of
- Number of ____ Number of
- Number of ____ Number of
- Number of ____ Number of

Place a smiley face

# Art Corner

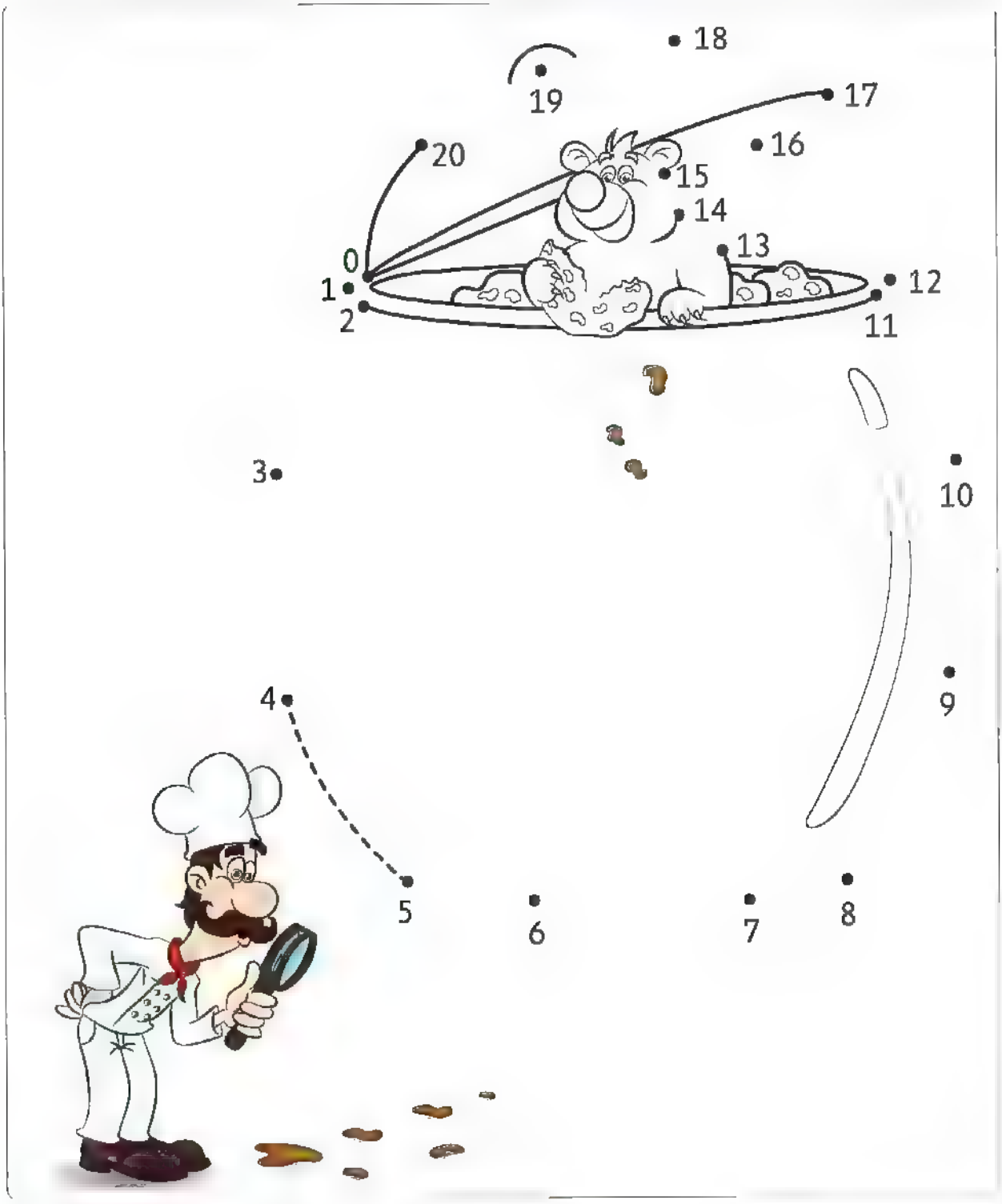
Chapter 4

Join the numbers in order and color the picture.



# Cookie Clues

**Find out what holds something good !**
**Count by 1's to connect the dots. Color the picture.**



# CHAPTER 5

## • Outcomes of lessons

### ▸ Lessons 31 & 32

- Participate in calendar math activities.
- Count from 1 to 24.
- Read and write numerals from 1 to 24.
- Apply ten frames structure as a way to represent quantities.
- Classify objects by color.
- Add within 10 using manipulative.

### ▸ Lesson 33 & 34

- Participate in calendar math activ ties.
- Count from 1 to 27.
- Read and write the numerals 25, 26 and 27.
- Apply the ten frames structure as a way to represent quantities.
- Classify objects by color.
- Use addition within 10 to solve word problems.

### ▸ Lessons 35 & 36

- Participate in calendar math activities.
- Count from 1 to 30.
- Read and write numerals 28 , 29 and 30.
- Apply the ten frames structure as a way to represent quantities
- Classify objects by shape and color.
- Add within 10.

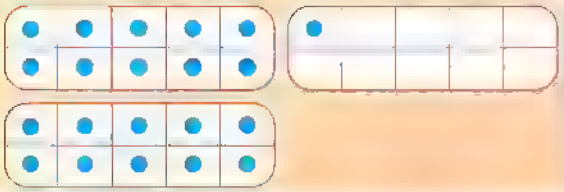
### ▸ Lesson 37 to 40

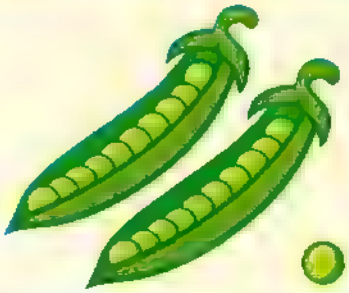
- Participate in calendar math activities.
- Read and write numbers from 0 to 30.
- Count by ones and tens up to 30.
- Classify objects by their color, shape and objects.
- Add within 10 us ng pictures and objects.
- Use addition within 10 to solve word problems.

Lessons 31 & 32

- Numbers from 21 to 24
- Classification by color
- Adding within 10

# 21 Twenty-one

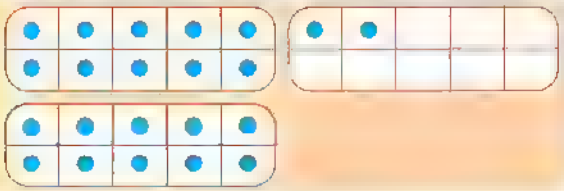


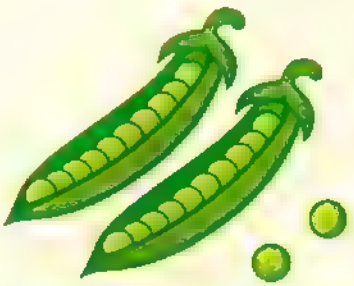


2 sets of ten and 1 extra one

Trace and write.

# 22 Twenty-two





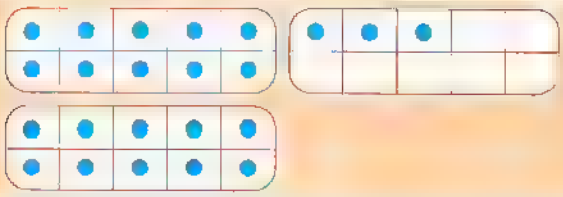
2 sets of ten and 2 extra ones

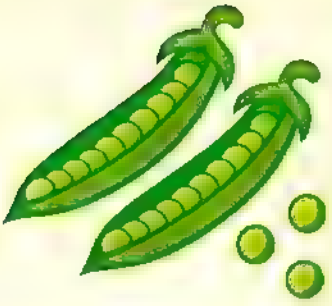
Trace and write.

Notes for parents

- Use tens frame to practice your child counting up to 24.

# 23 Twenty-three



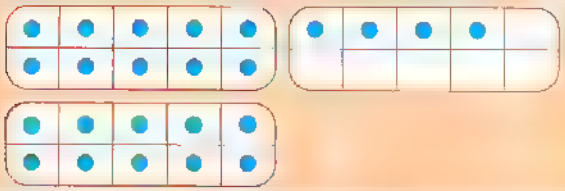


2 sets of ten and 3 extra ones

Trace and write.

_____

# 24 Twenty-four



2 sets of ten and 4 extra ones

Trace and write.

_____

• Ask your child to trace and write the numbers from 21 to 24.

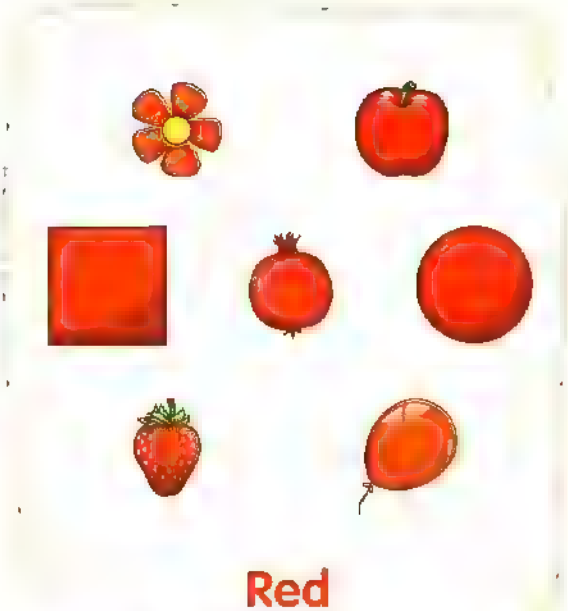
## Classification by color

You can classify objects in any ways.

- By color
- By shape
- By size

**Here are examples for classifying by color.**

Orange



Red

Yellow

Green

**Notes for parents**

- Ask your child to collect items of clothing that have the same color.

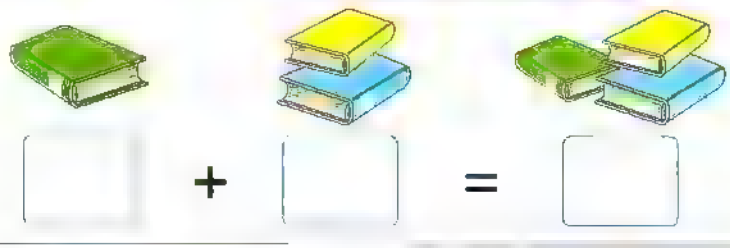
## Adding within 10

Write : 3 + 2 = 5

Say : 3 plus 2 equals 5

### Example

**Write the number, then add.**



### Solution

1 + 2 = 3

4 + 3 = 7

• Ask your child to use small items as counters to practice adding.

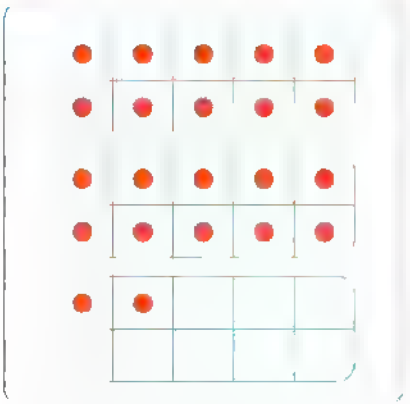
# Exercise 14

On Lessons 31 & 32

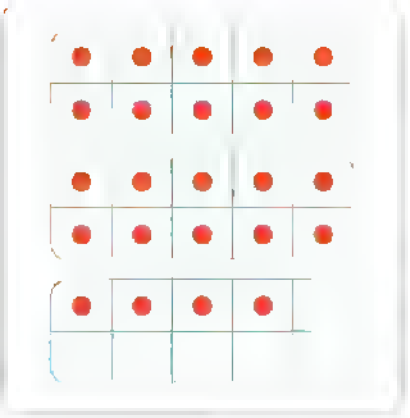
- Numbers from 21 to 24
- Classification by color
- Adding within 10

## Numbers from 21 to 24

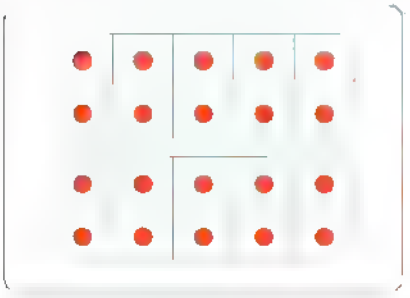
**Match.**



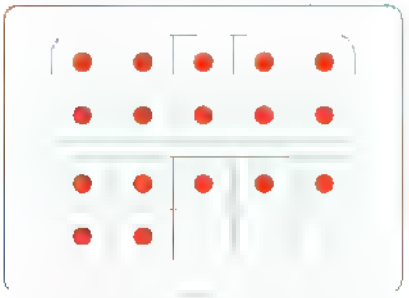
17



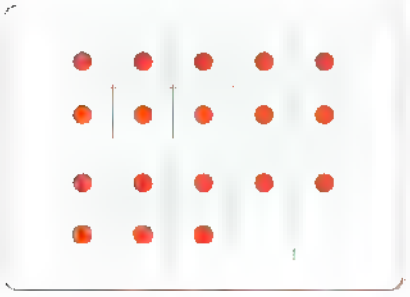
18



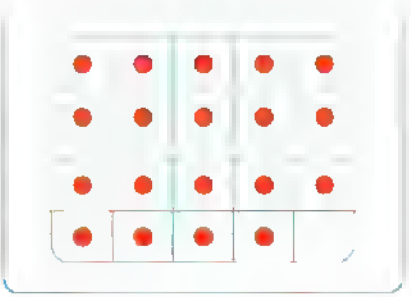
19



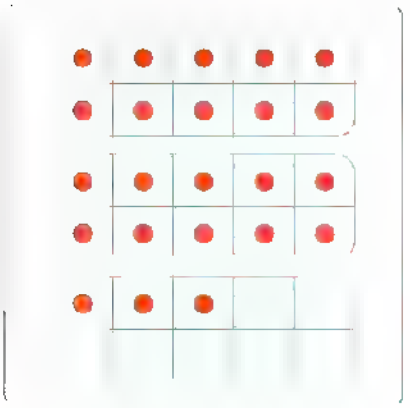
20



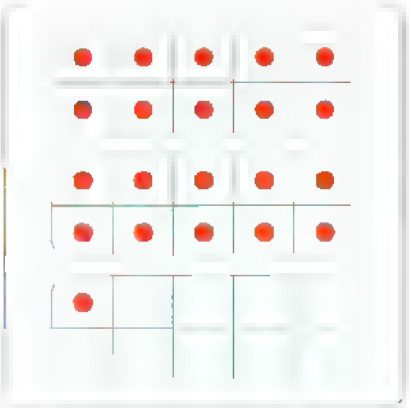
21



22



23



24

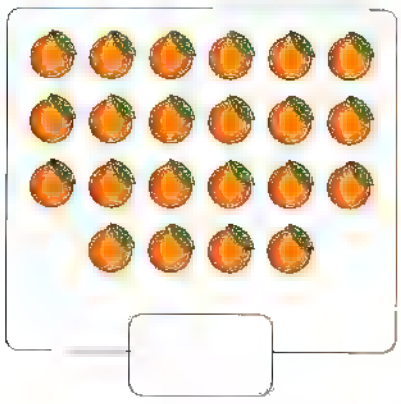
## Match.

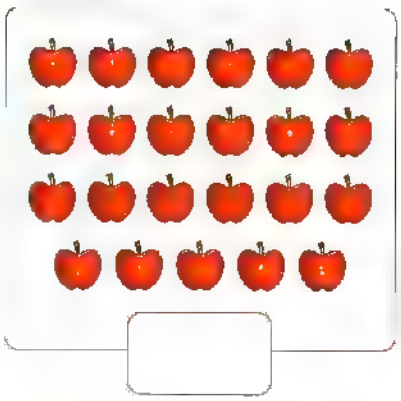
| | |
|---|---|
| Nineteen | 17 |
| Twenty-two | 20 |
| Seventeen | 22 |
| Twenty | 19 |
| Twenty-three | 23 |

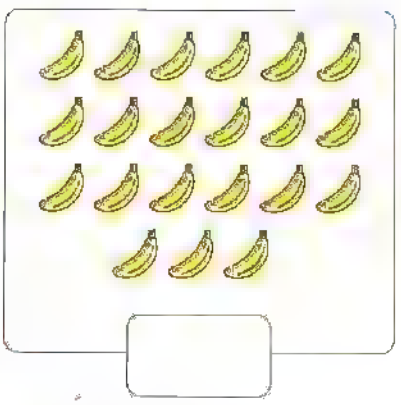
## Match.

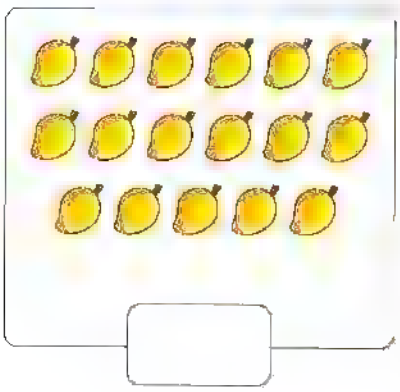
| | |
|---|---|
| Eighteen | 24 |
| Twenty-four | 15 |
| Twenty-one | 21 |
| Fifteen | 16 |
| Sixteen | 18 |

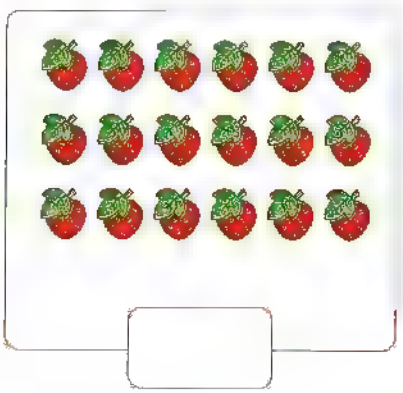
## Count the number of objects, then write the number.

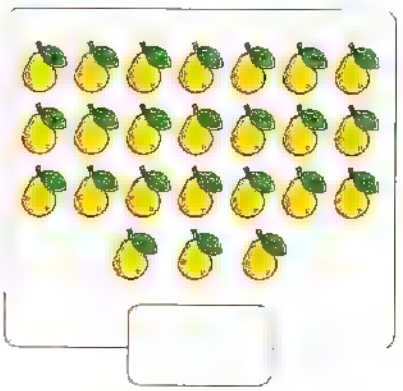












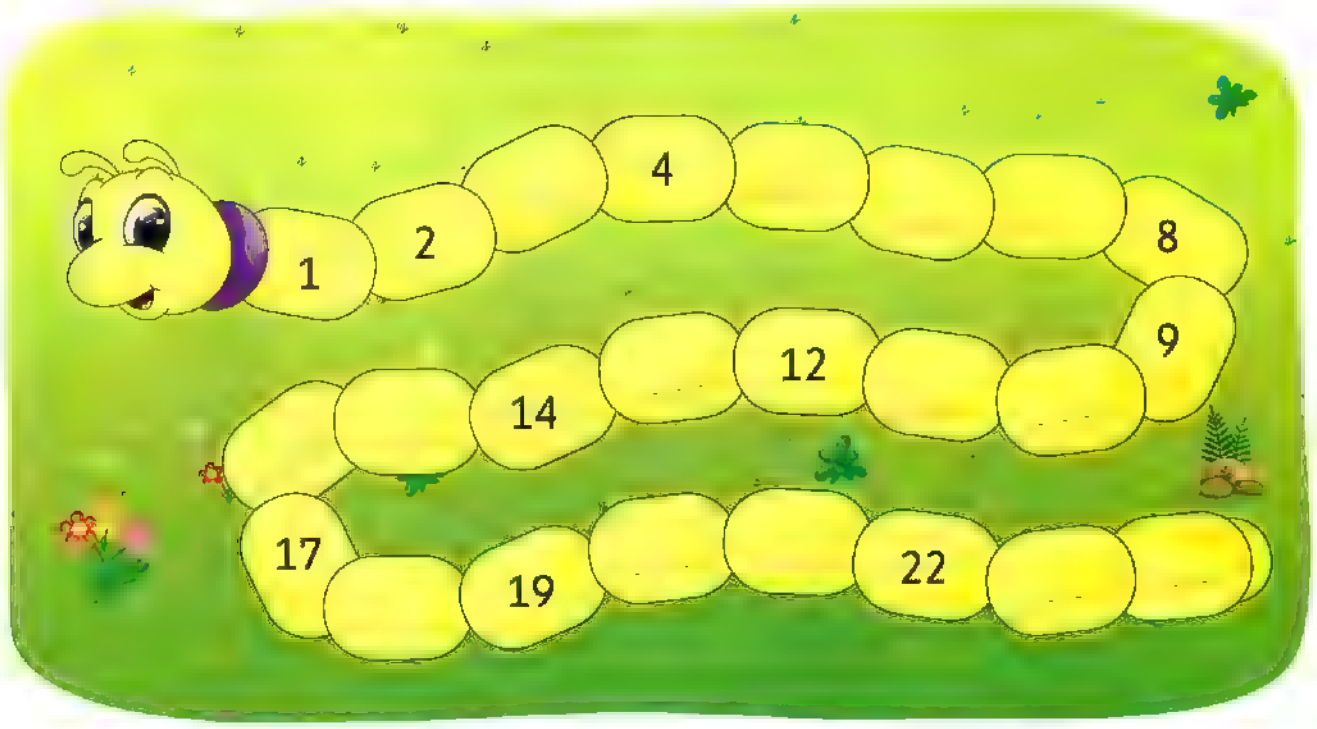
## Put ( > , = or < ).

- 21 ◯ 20
- 18 ◯ 15
- 12 ◯ 23
- 22 ◯ 23
- 23 ◯ 23
- 16 ◯ 17
- 24 ◯ 19
- 14 ◯ 24
- 20 ◯ 15
- Fifteen ◯ 17
- Twenty-one ◯ 11
- Eleven ◯ Twelve
- Nineteen ◯ Seventeen

## Complete.

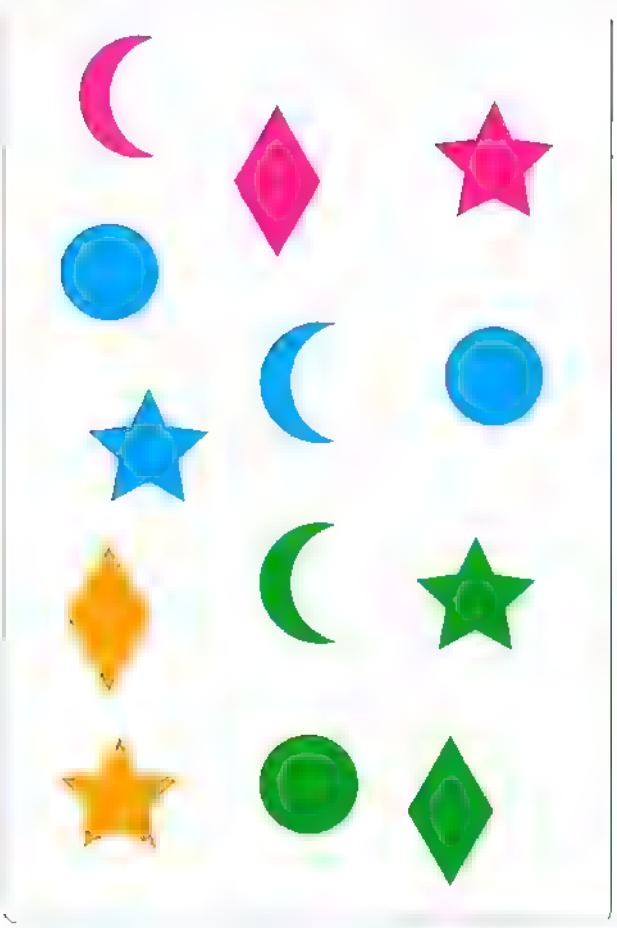
- 23 comes just after
- 23 comes just before
- 19 comes just before
- 24 comes just after
- comes just after 21
- comes just before 19

## Complete the numbers.

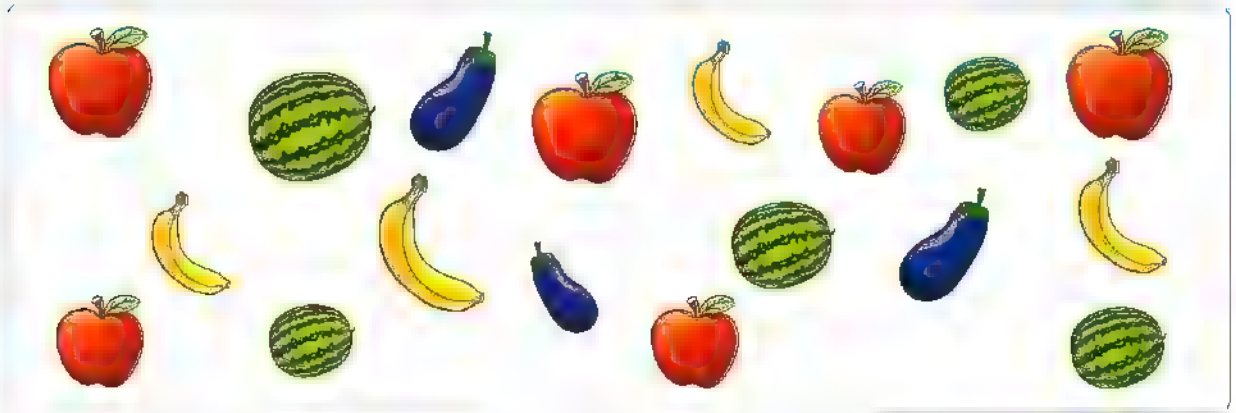


## Classification by color

### Circle the group of the same color.



### Count and write.

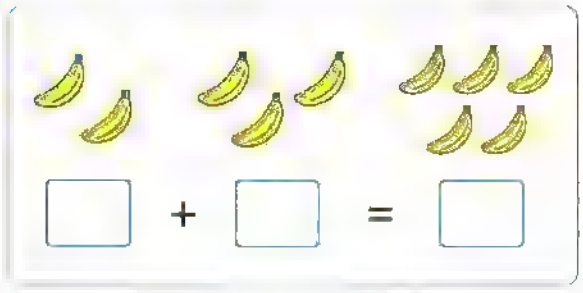


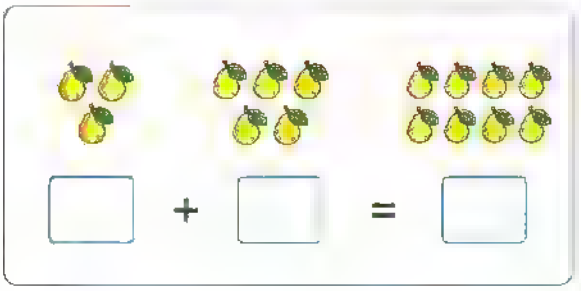
Green

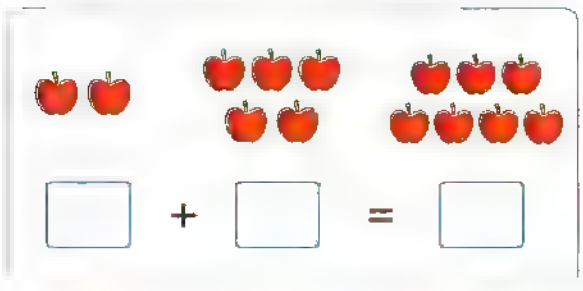
Red

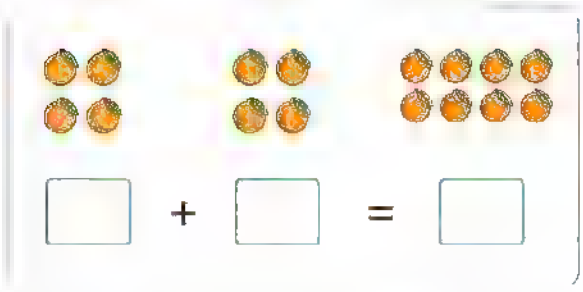
Blue

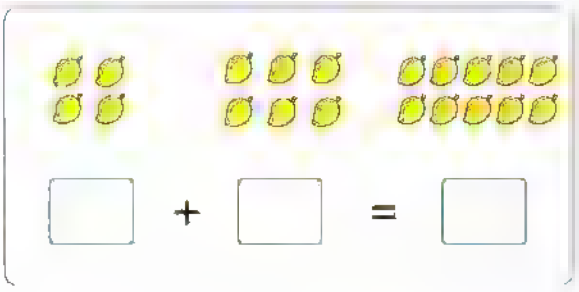
## Write the number, then add.

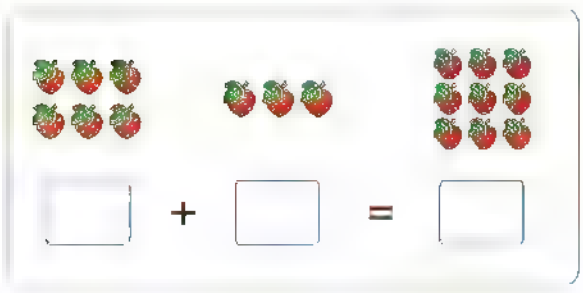


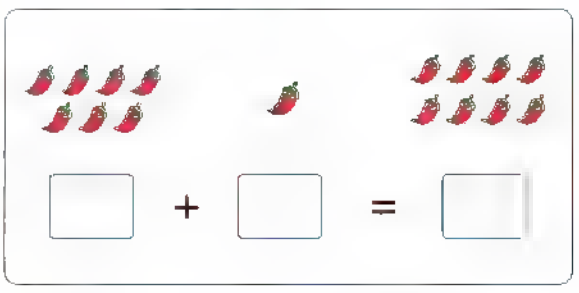


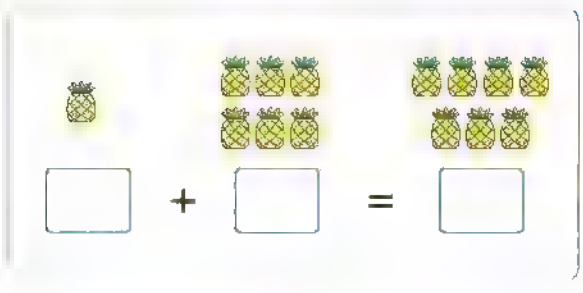


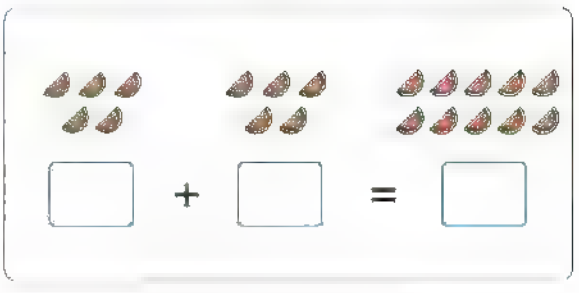




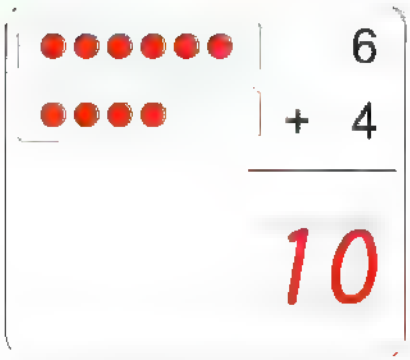








## Draw ◯ to find the sum for the problem. Write the sum. The first one is done for you.



$$\begin{array}{r} 6 \\ +\ 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +\ 4 \\ \hline \end{array}$$

## Add.

$$\begin{array}{r} 3 \\ +\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +\ 4 \\ \hline \end{array}$$

## Write the sum.

| | |
|---|---|
| 6 + 2 = | 5 + 5 = |
| 5 + 4 = | 1 + 8 = |
| 1 + 2 = | 2 + 7 = |
| 10 + 0 = | 4 + 3 = |
| 3 + 5 = | 7 + 1 = |
| 8 + 2 = | 0 + 10 = |
| 3 + 3 = | 1 + 6 = |
| 9 + 1 = | 6 + 4 = |

## Choose the correct answer.

- 4 + 3 = _____ ( 5 or 6 or 7 )
- 5 + 1 = _____ ( 6 or 7 or 8 )
- 2 + 7 = _____ ( 8 or 9 or 10 )
- 9 + 0 = _____ ( 7 or 8 or 9 )
- 8 + 1 = _____ ( 10 or 9 or 8 )
- 3 + 3 = _____ ( 3 or 5 or 6 )
- 6 + 2 = ( 8 or 7 or 6 )
- 2 + 5 = _____ ( 6 or 7 or 9 )

## Join the equal sums.

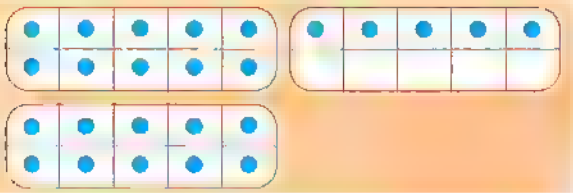
| | |
|---|---|
| 4 + 5 = _____ | 0 + 4 = _____ |
| 2 + 6 = _____ | 5 + 2 = _____ |
| 3 + 1 = | 1 + 8 = _____ |
| 1 + 5 = | 1 + 7 = _____ |
| 4 + 3 = _____ | 3 + 3 = |

Place a smiley face

Lessons 33 & 34

- Numbers from 25 to 27
- Addition word problems

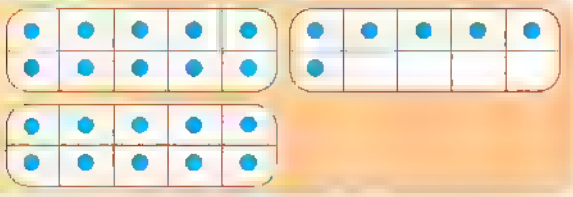
# 25 Twenty-five



2 sets of ten and 5 extra ones

Trace and write.

# 26 Twenty-six



2 sets of ten and 6 extra ones

Trace and write.

Notes for parents

- Give your child small objects and ask him/her to make two groups of 25 objects and 26 objects.

# 27 Twenty-seven

2 sets of ten and 7 extra ones

## Trace and write.

• Ask your child to count up to 27.

# Addition word problems

Bassem has 2 ⚽ and Amgad has 5 ⚽

**How many ⚽ do they both have ?**

What they both have = 2 + 5 = 7 ⚽

Mariam has 3 cats and her brother Amr has 6 dogs.

**How many pets do they have ?**

The pets they have = 3 + 6 = 9 pets.

Sameh has 4 big fish. He also has 2 small fish.

**How many fish does he have ?**

What he has = 4 + 2 = 6 fish.

Notes for parents

- Tell a story with addition problem and help your child to write the related addition sentence, then ask him/her to find the result.

# Exercise 15

On Lessons 33 & 34

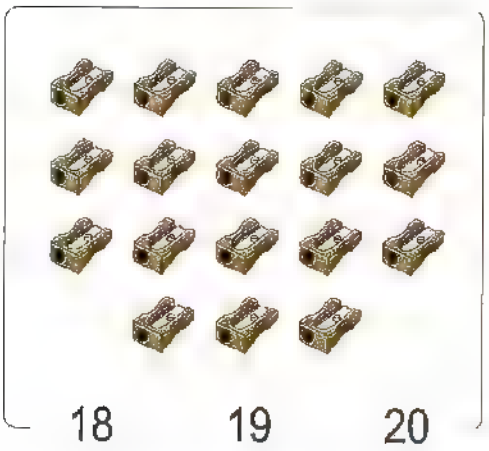
- Numbers from 25 to 27
- Addition word problems

## Numbers from 25 to 27

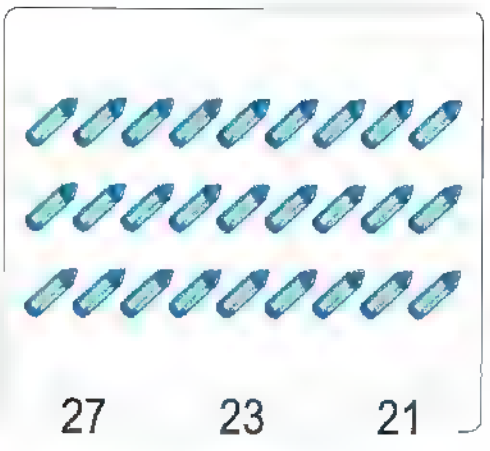
**Count. Choose the correct answer.**

20 25 19

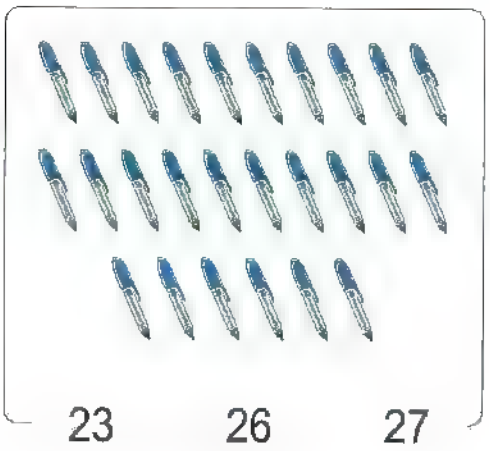
26 25 27



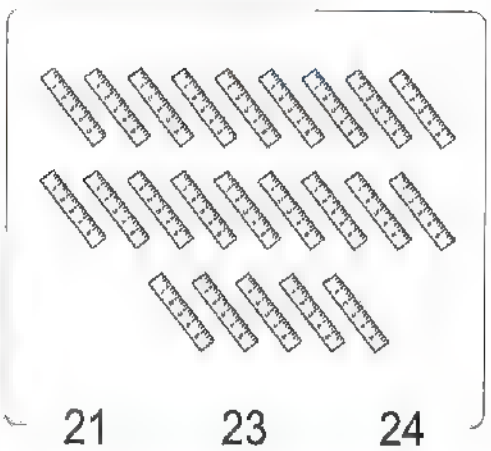
18 19 20



27 23 21



23 26 27



21 23 24

## Draw the dots to express each number by using five frames.

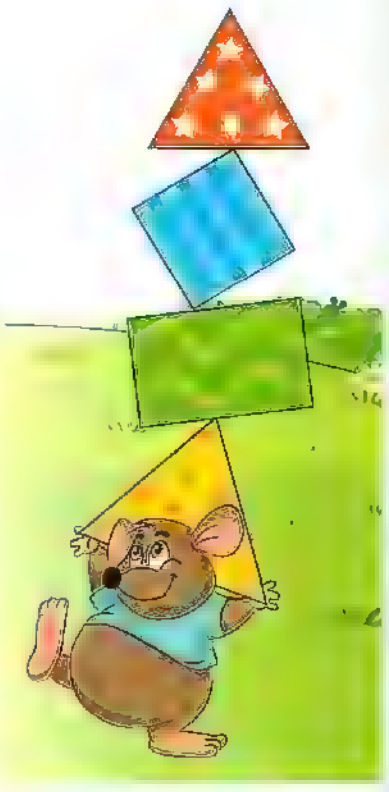
25

26

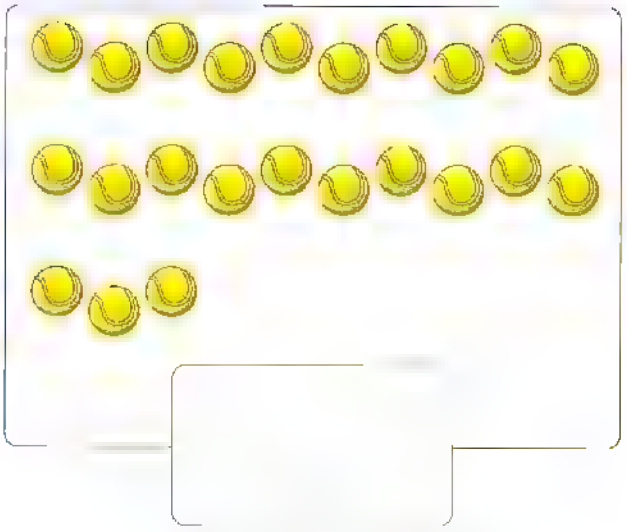
27

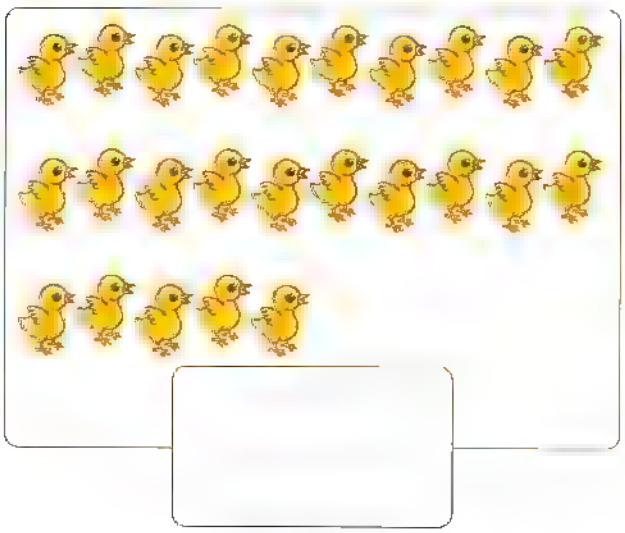
## Join.

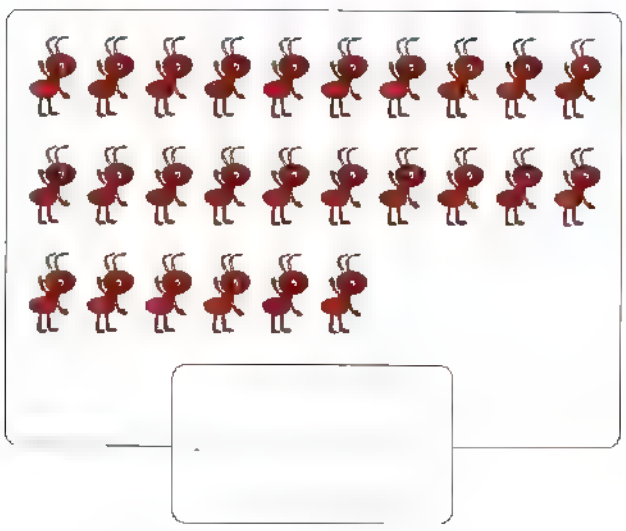
| | |
|---|---|
| 21 | Twenty-two |
| 23 | Twenty-seven |
| 27 | Twenty-five |
| 25 | Twenty |
| 24 | Twenty-three |
| 22 | Twenty-one |
| 20 | Twenty-six |
| 26 | Twenty-four |

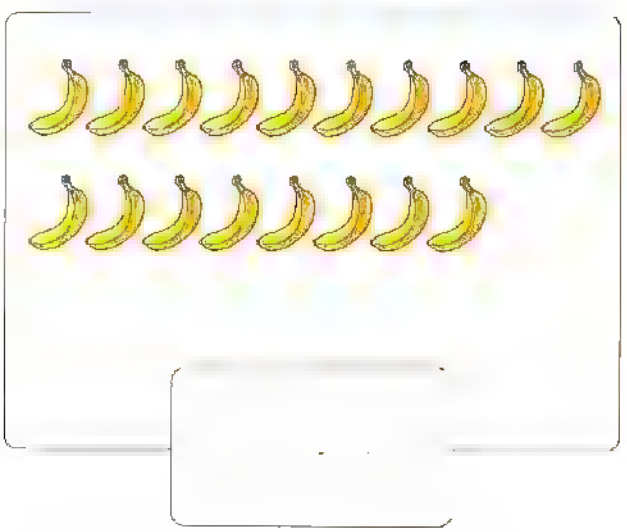


## Count, write the number.





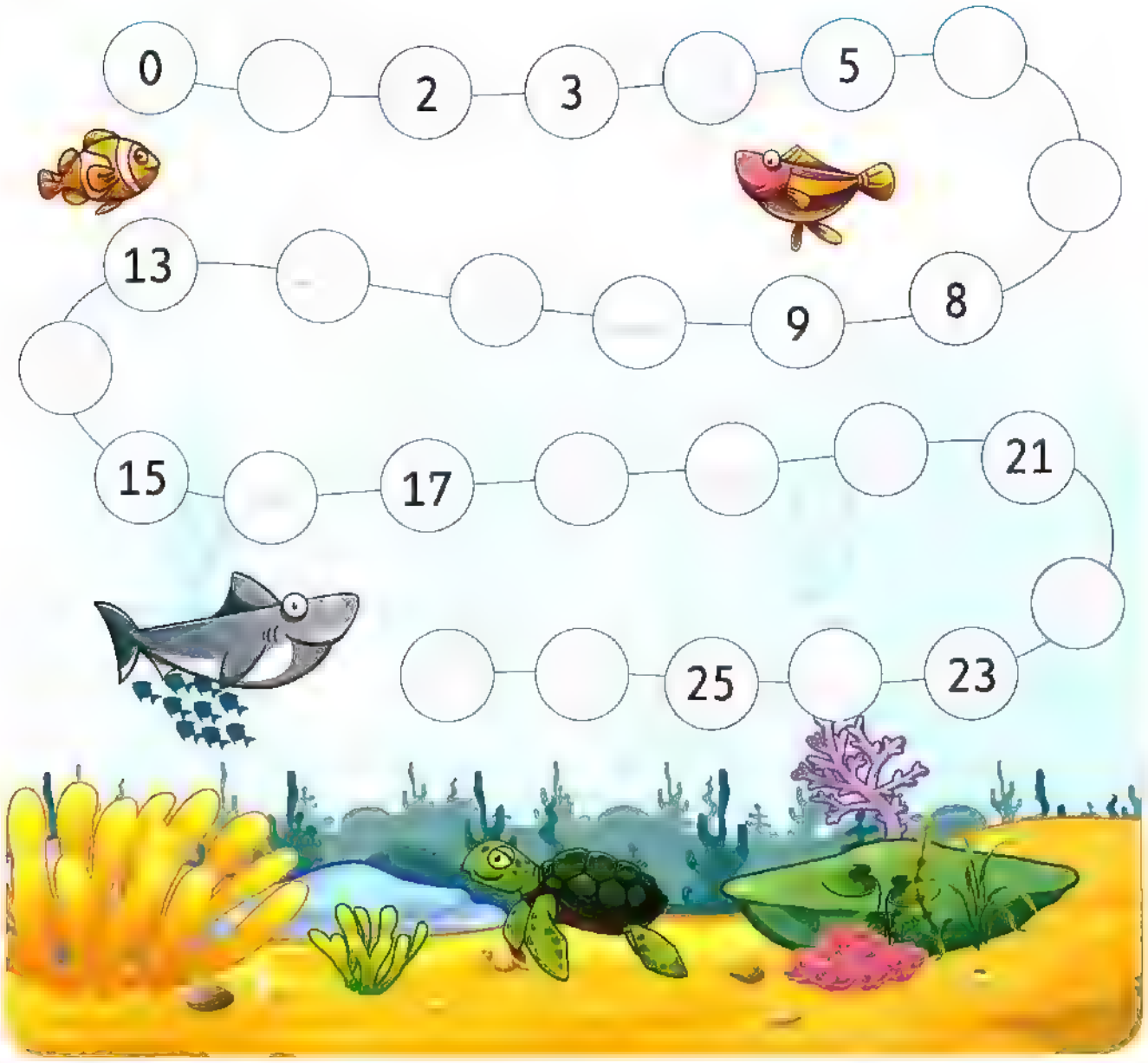




## Write (✓) to the correct statement and (✗) to the incorrect statement.

- 27 comes just after 26 ( )
- 25 comes just before 24 ( )
- 26 is less than 23 ( )
- 25 is more than 24 ( )
- 21 < 27 ( )
- 26 > 25 ( )

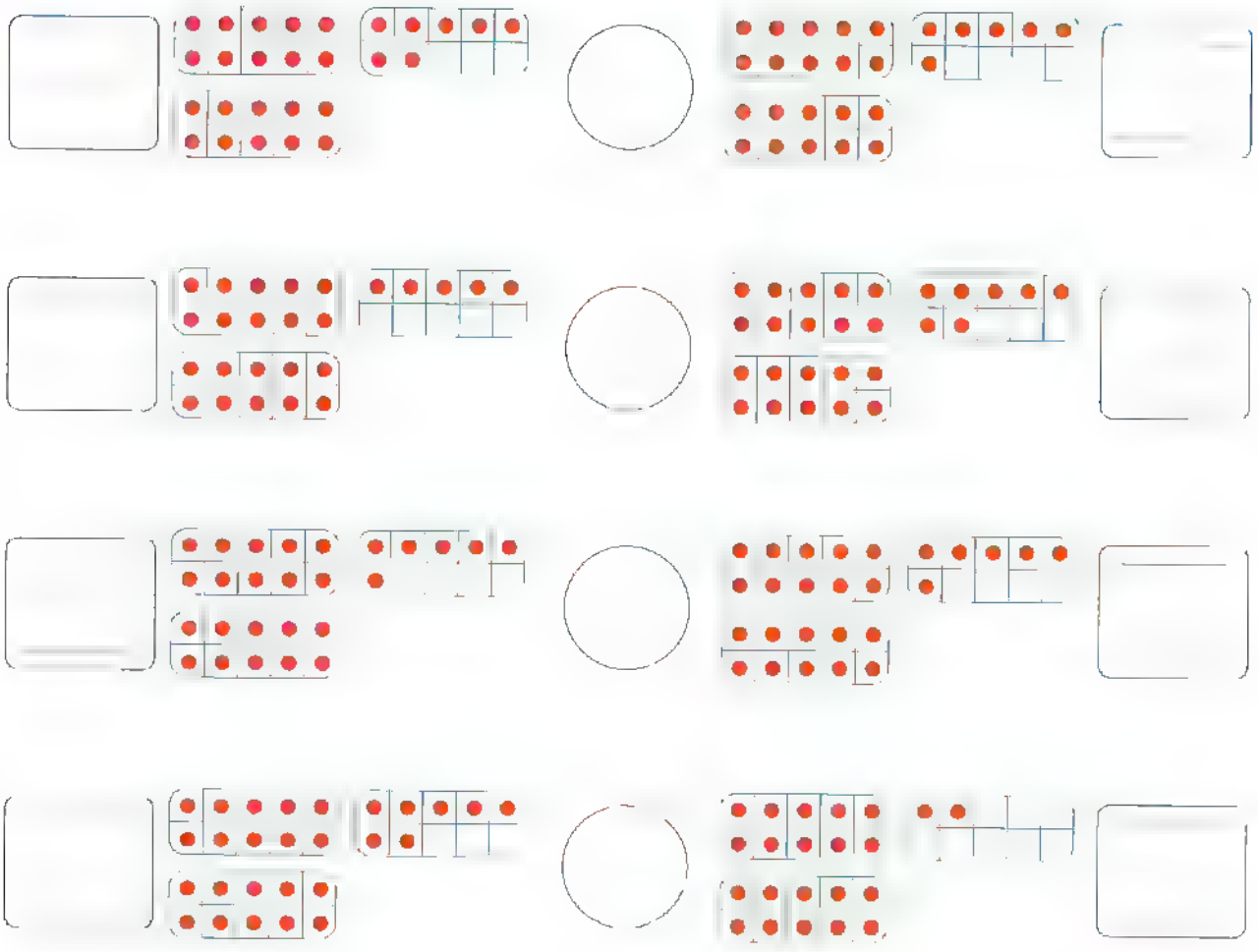
## Complete the numbers.



## Choose the correct answer.

- 26 < ____ ( 24 or 25 or 27 )
- 23 > ____ ( 25 or 24 or 22 )
- 25 is less than ____ ( 21 or 26 or 23 )
- 21 is more than ____ ( 22 or 20 or 24 )
- 24 ☐ twenty-two ( > or = or < )
- 19 ☐ twenty ( > or = or < )

## Count, write the number, then put ( > , < or = ).



## Addition word problems

**Solve each of the following.**

Wael has 5 in Arabic and 4 in English.

**How many does Wael have ?**

What Wael has = ☐ + ☐ = ☐

Ali caught 4 and Rami caught 2

**Find the number of with both.**

The number of fish = ☐ + ☐ = ☐

Karim has 3 and Hany has 7

**How many do they both have ?**

What they both have = ☐ + ☐ = ☐

Lara has 3 red and Sara has 5 green

**How many do they both have ?**

What they both have = ☐ + ☐ = ☐

Ayman has 6 pounds and his sister Amal has 4 pounds.

**How much money do they have ?**

What they both have = ☐ + ☐ = ☐ pounds.

Osama has 7 sweets.

His father gives him 2 sweets.

**How many sweets does Osama has now ?**

What Osama has = ☐ + ☐ = ☐ sweets.

Jana made 5 cookies.

Then she made 3 more cookies.

**How many cookies did Jana make ?**

What Jana made = ☐ + ☐ = ☐ cookies.

Maged found 3 seashells and Mariam found the same number of seashells.

**How many seashells they found together ?**

What they both found = ☐ + ☐ = ☐ seashells.

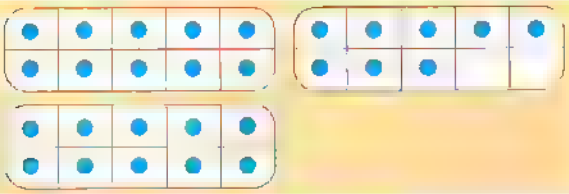
Place a smiley face

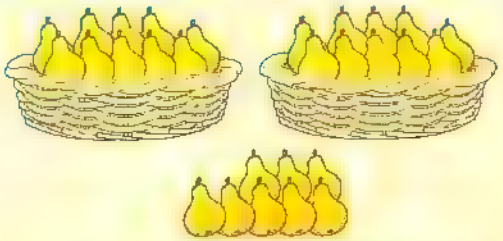
Lesson

# 35 & 36

- Numbers from 28 to 30
- Classification by shape

## 28 Twenty-eight

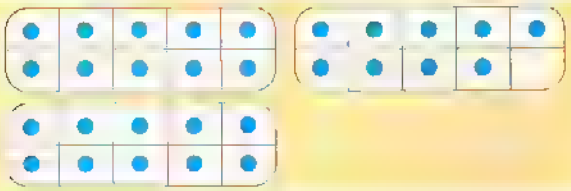




2 sets of ten and 8 extra ones

**Trace and write.**

## 29 Twenty-nine



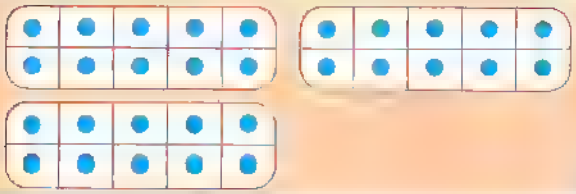
2 sets of ten and 9 extra ones

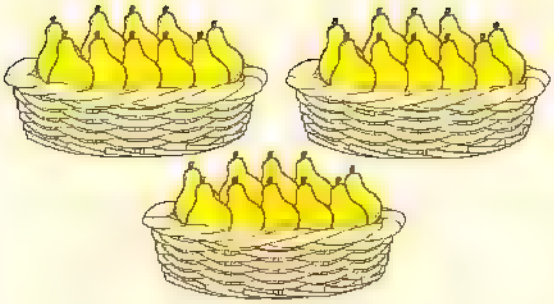
**Trace and write.**

Notes for parents

- Review with your child, writing and ordering numbers up to 29.

# 30 Thirty





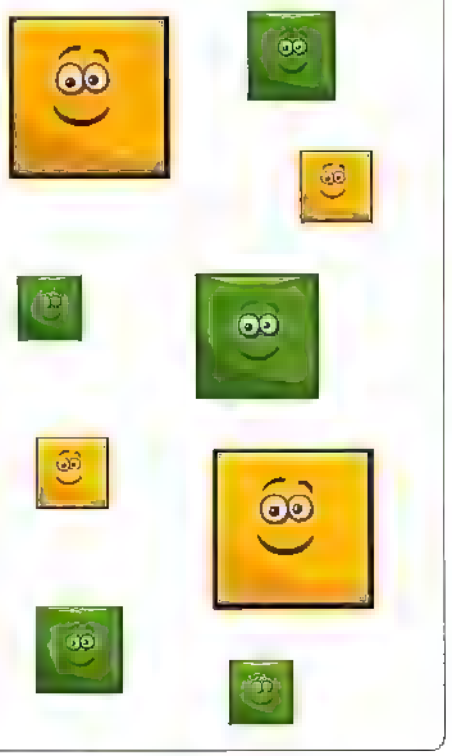
3 sets of ten

## Trace and write.

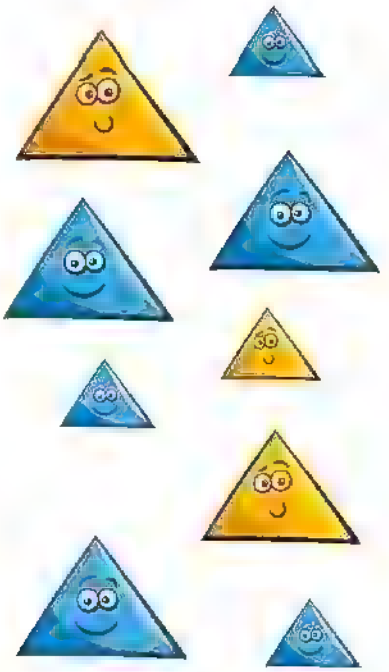
- Practice your child to show numbers from 0 to 30 using five and ten frames.

# Classification by shape

## Squares



## Triangles



## Circles

**Notes for parents**

- Provide your child some various shapes mixed together. Ask your child to sort the shapes so all the circles are together, all the squares are together and so on.

# Exercise 16

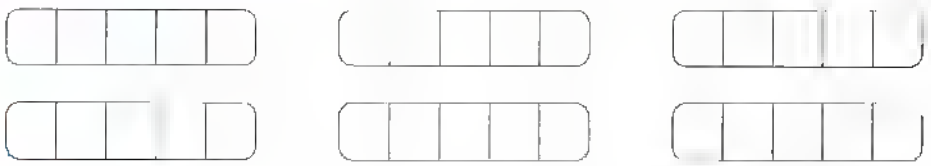
On Lessons 35 & 36

- Numbers from 28 to 30
- Classification by shape

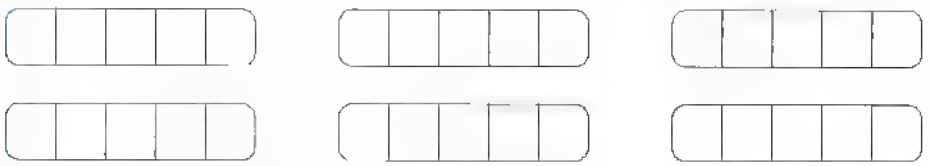
## Numbers from 28 to 30

**Draw the dots to express each number using five and ten frames.**

28



29



30

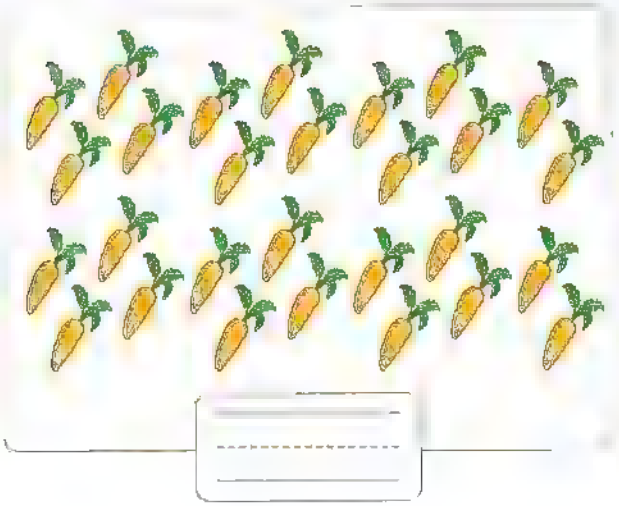
**Join.**

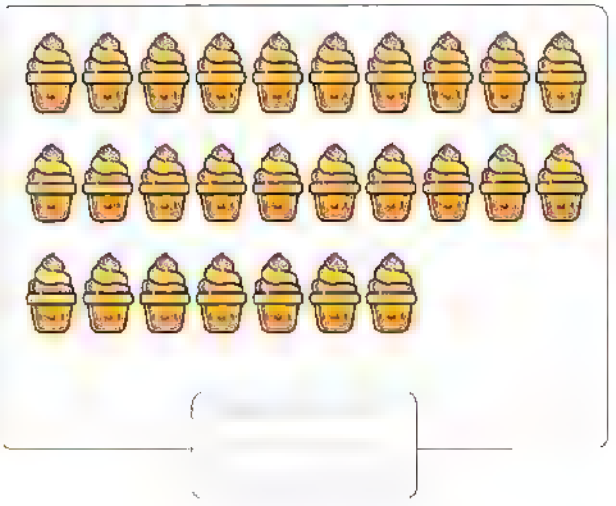
| | |
|---|---|
| 25 | Twenty-two |
| 24 | Twenty-one |
| 23 | Twenty |
| 22 | Twenty-five |
| 21 | Twenty-three |
| 20 | Twenty-four |

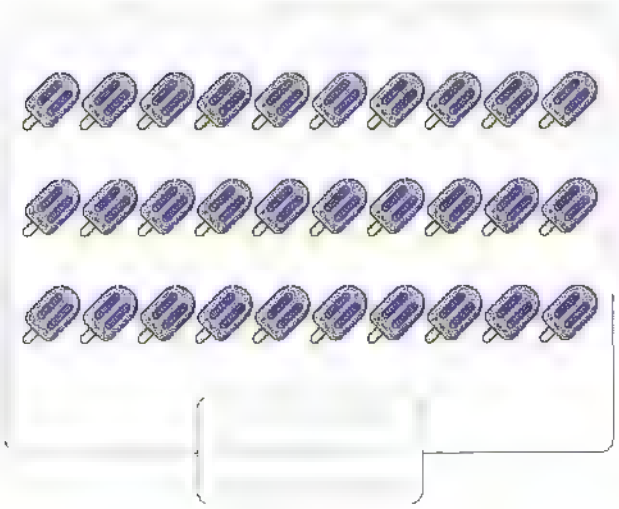
**Join.**

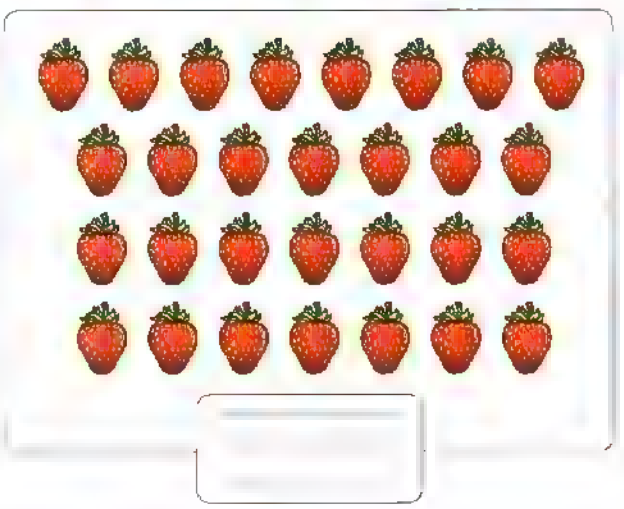
| | |
|---|---|
| 30 | Twenty-seven |
| 19 | Twenty-nine |
| 28 | Twenty-six |
| 29 | Thirty |
| 27 | Nineteen |
| 26 | Twenty-eight |

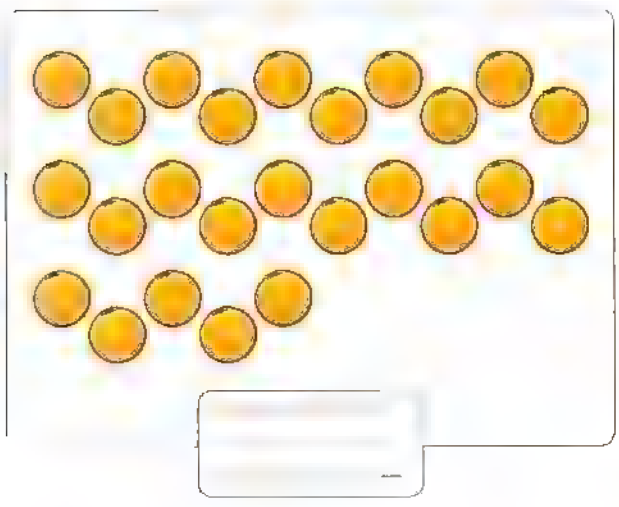
## Count and write the number.

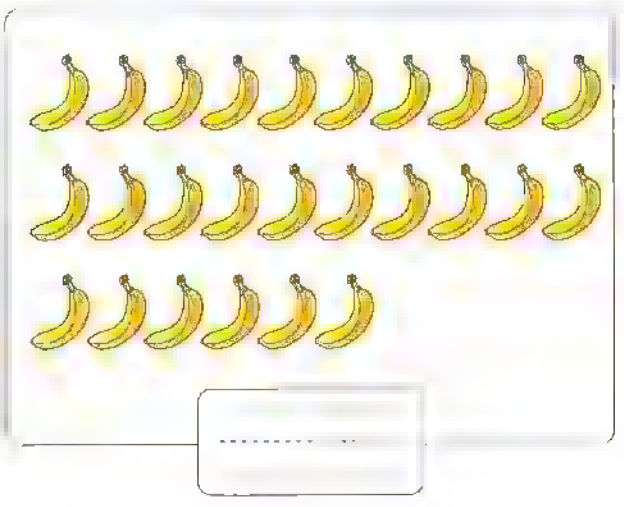












## Put ( > , = or < ).

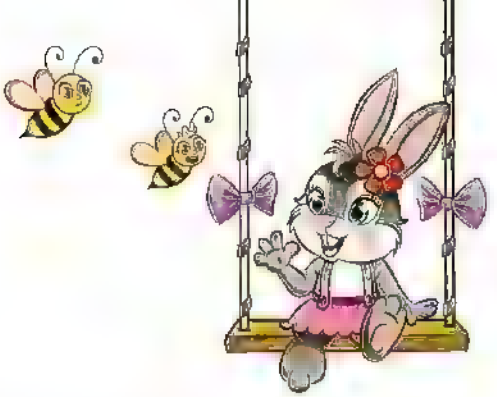
- 30 ◯ 28
- 29 ◯ 27
- 26 ◯ Twenty-eight
- Thirteen ◯ Thirty
- 19 ◯ 20
- 25 ◯ 15
- Twenty-three ◯ Thirteen
- Fifteen ◯ Twenty-eight
- 24 ◯ 24
- 30 ◯ 18

## Write the number just comes after.

| | |
|---|---|
| 27 | 21 |
| 19 | 29 |
| fourteen | twenty-eight |

## Write the number just comes before.

| | |
|---|---|
| 24 | 30 |
| 11 | 29 |
| twenty-six | twenty-eight |



## Arrange in an ascending order.

- 23 , 19 , 29 , 30 , 7

  The order is : _____ _____

- 16 , 9 , 21 , 18 , 28

  The order is : _____ _____

- 17 , 24 , 9 , 29 , 26

  The order is : _____

## Arrange in a descending order.

- 17 , 30 , 3 , 29 , 0

  The order is : _____ _____

- 22 , 12 , 20 , 2 , 21

  The order is : _____ _____

- 10 , 20 , 14 , 30 , 27

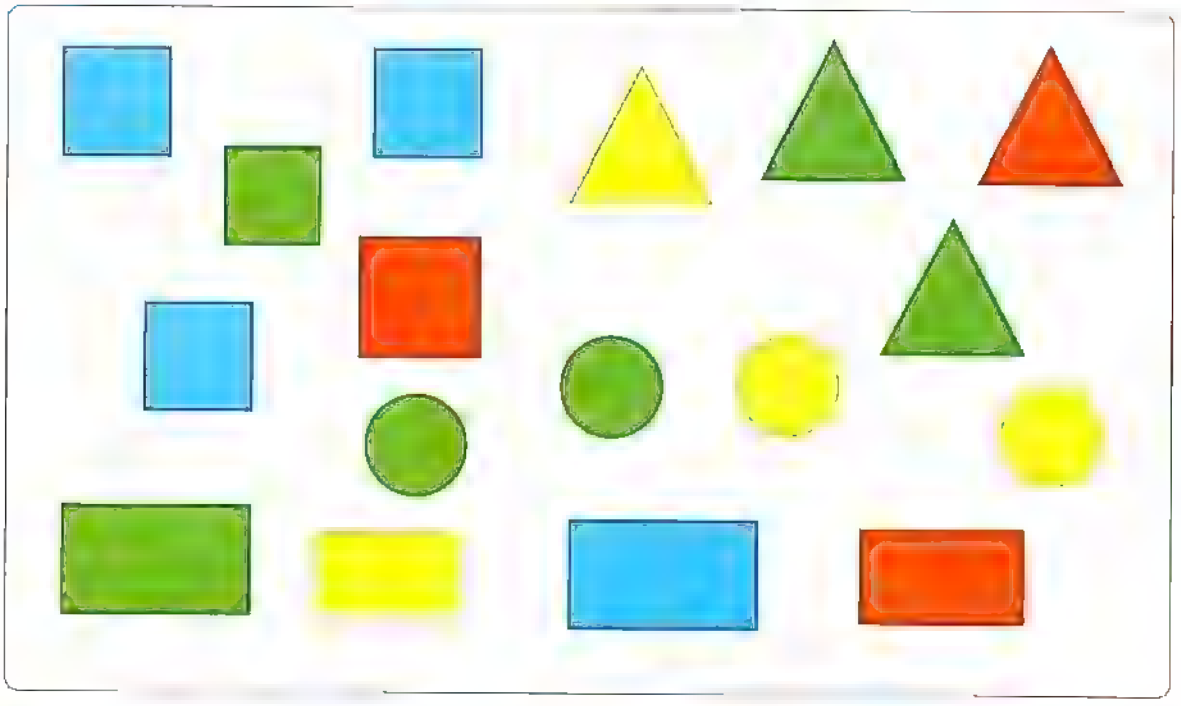
  The order is : _____

## Write (✓) to the correct statement and (✗) to the incorrect statement.

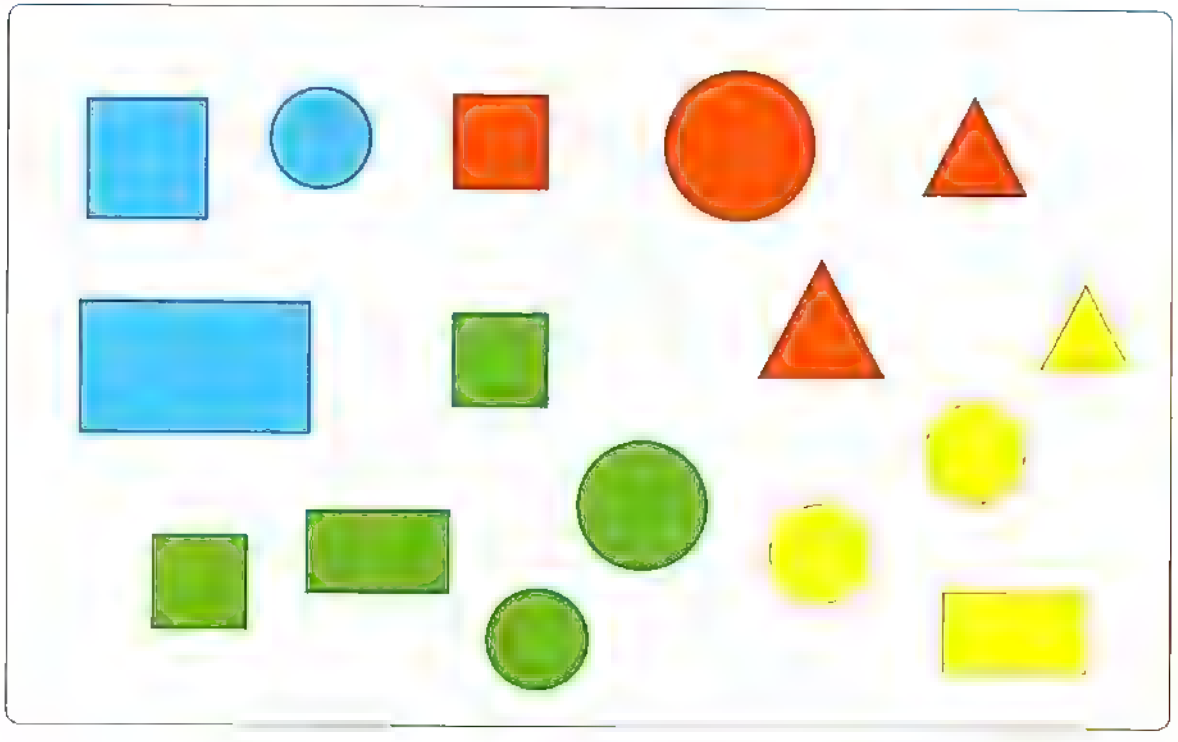
- 28 is greater than 29 ( )
- 27 is 1 greater than 28 ( )
- 27 is less than 18 ( )
- 30 comes just after 29 ( )
- 29 is 1 less than 30 ( )
- 28 comes just before 27 ( )

## Classification by shape

Circle the objects having the same shape.

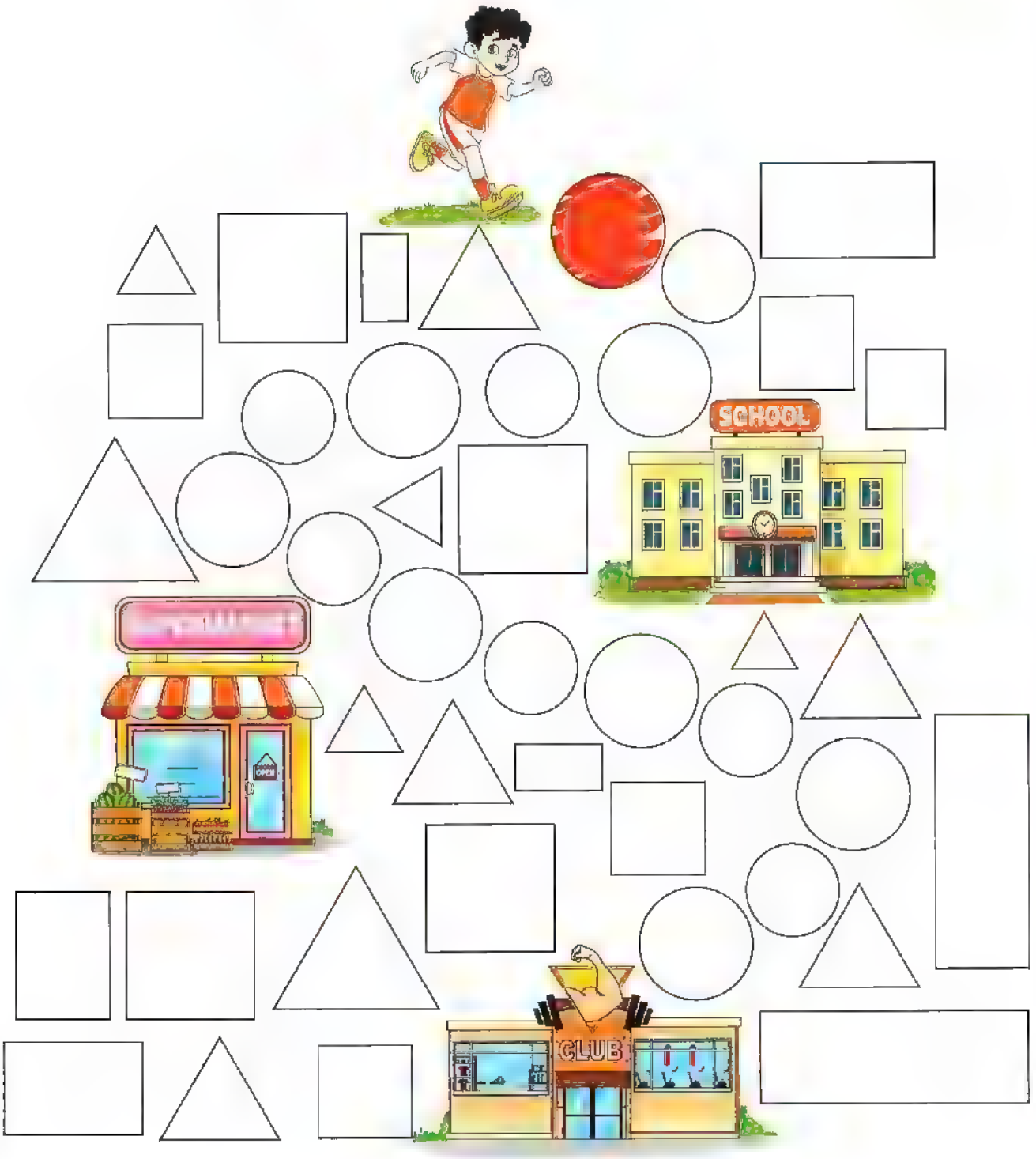


Circle the objects having the same color.



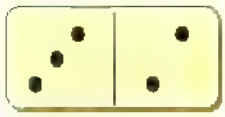
**Follow the ◯ s. Color them. Where do they lead?**
**Color the shapes.**

△ s in Green  □ s in Blue  ▭ s in Yellow



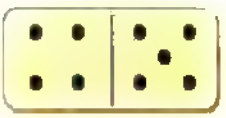
## More practice on addition

### Write the number of dots, then add. The first one is done for you.



3 + 2 = 5

__ + __ = __



__ + __ = __

__ + __ = __

__ + __ = __

__ + __ = __

__ + __ = __

__ + __ = __

__ + __ = __

### Add.

| | | | | |
|---|---|---|---|---|
| 7 + 2 | 1 + 8 | 4 + 2 | 1 + 1 | 9 + 0 |
| 4 + 4 | 3 + 5 | 6 + 1 | 1 + 2 | 5 + 4 |
| 0 + 10 | 5 + 3 | 1 + 7 | 5 + 5 | 8 + 2 |

## Find the sum.

| | | |
|---|---|---|
| 4 + 5 = | 2 + 3 = | 1 + 9 = |
| 8 + 2 = | 7 + 1 = | 6 + 4 = |
| 0 + 8 = | 1 + 6 = | 5 + 5 = |
| 9 + 1 = | 4 + 4 = | 2 + 7 = |

## Add, then complete using ( < , > or = ).

| | |
|---|---|
| 5 + 4 ◯ 6 + 4 | 3 + 4 ◯ 5 + 1 |
| 6 + 3 ◯ 7 + 2 | 0 + 5 ◯ 1 + 3 |
| 9 + 0 ◯ 5 + 5 | 8 + 1 ◯ 3 + 6 |

Place a smiley face

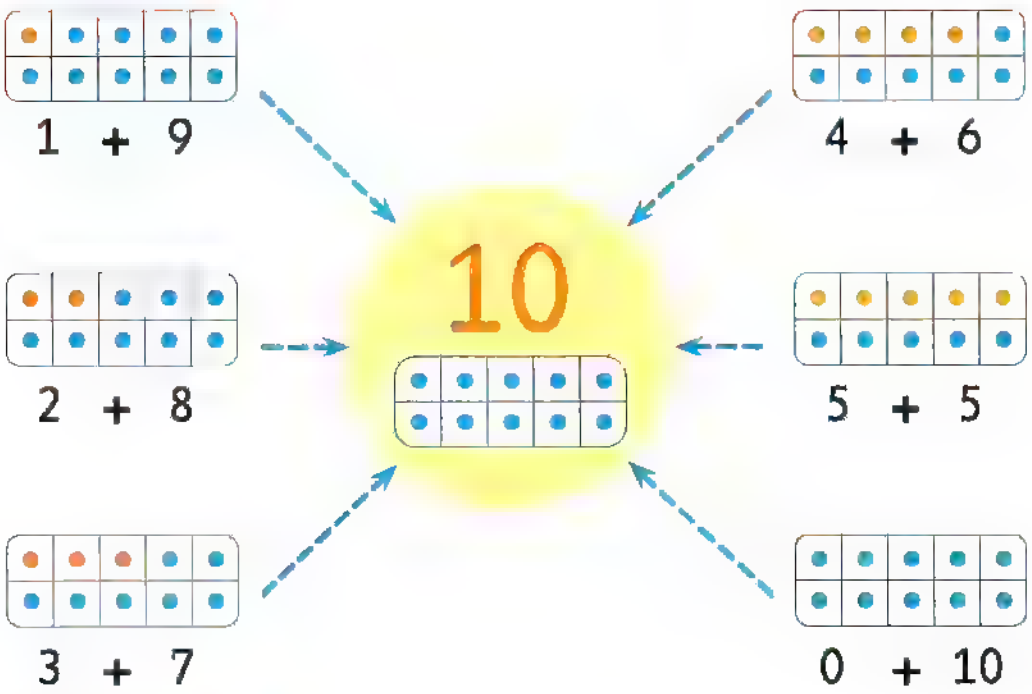
Lessons

# 37 to 40

- Count by 10's up to 30
- Components of 10
- Classification by size

## Count by 10's up to 30

## Components of 10




## Classification by size

**Notes for parents**

- Tell your child a number from 0 to 10 and ask him/her to tell you another number to make 10.
- Let your child use different objects at home to practice classification by size.

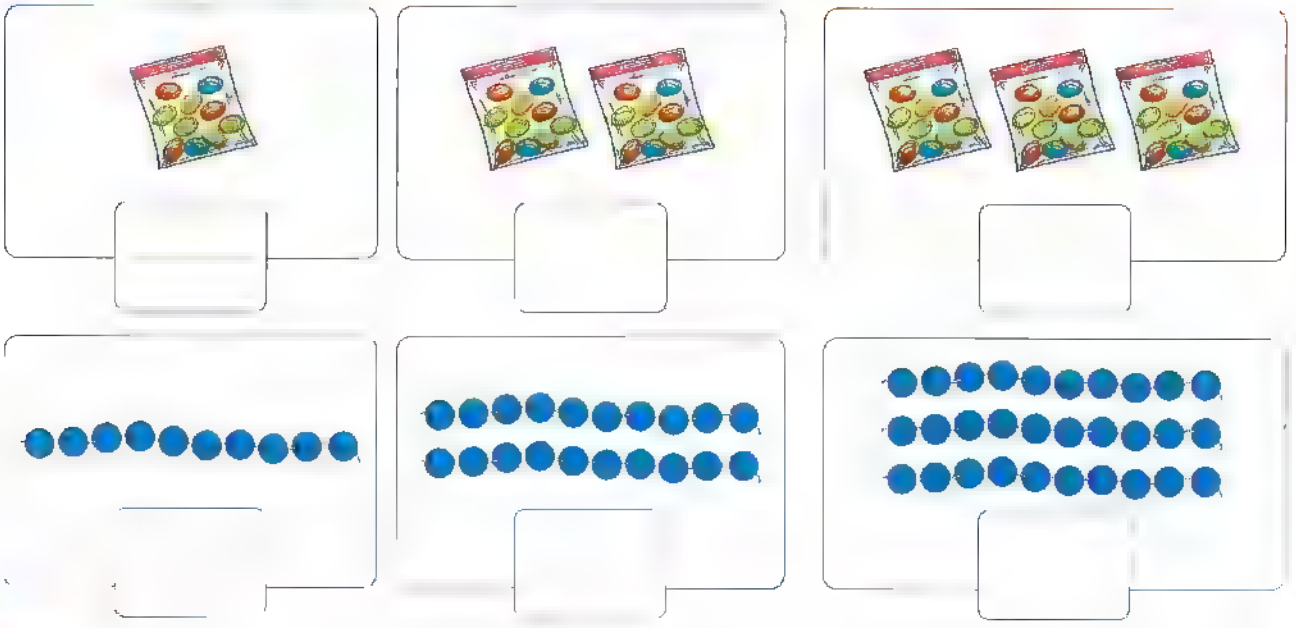
# Exercise 17

On Lessons 37 to 40

- Count by 10's up to 30
- Components of 10
- Classification by size

## Count by 10's up to 30

**Count by 10's. Write the number.**



**Complete counting by 10's.**

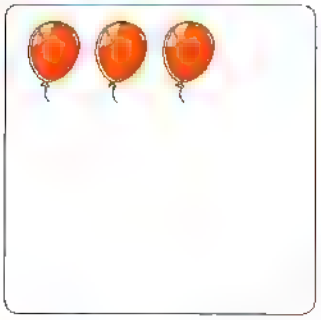
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | | 30 | 10 | 20 | | 10 | | |

## Components of 10

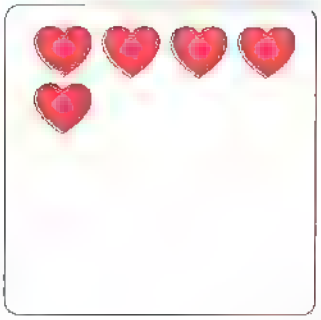
**Match to make 10.**

| | | | | |
|---|---|---|---|---|
| 2 | 0 | 5 | 3 | 4 |
| 5 | 8 | 10 | 6 | 7 |

## Complete the drawing to make 10.

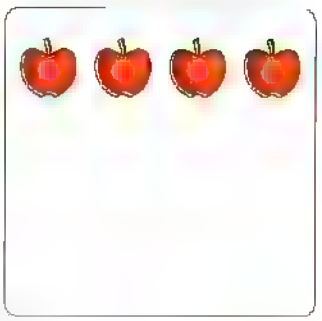


3 + ___ = 10



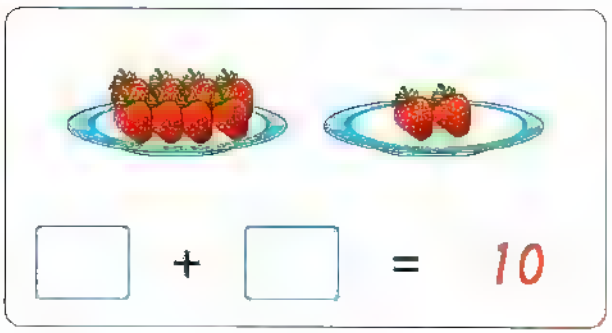
5 + ___ = 10

2 + ___ = 10

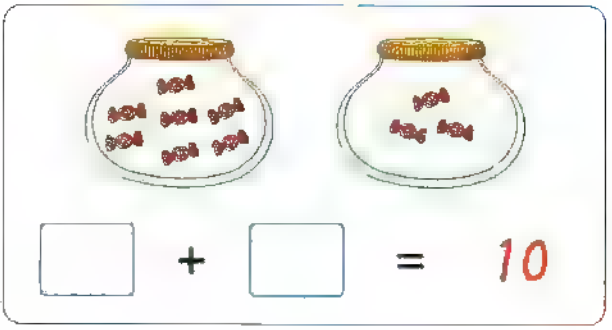


4 + ___ = 10

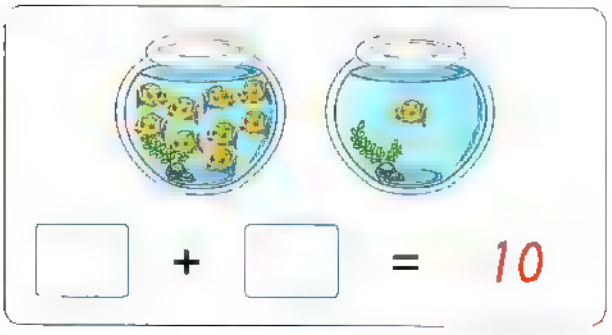
## Count. Write the number. Add.



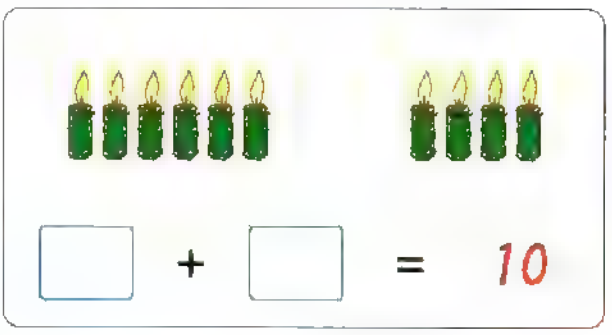
___ + ___ = 10



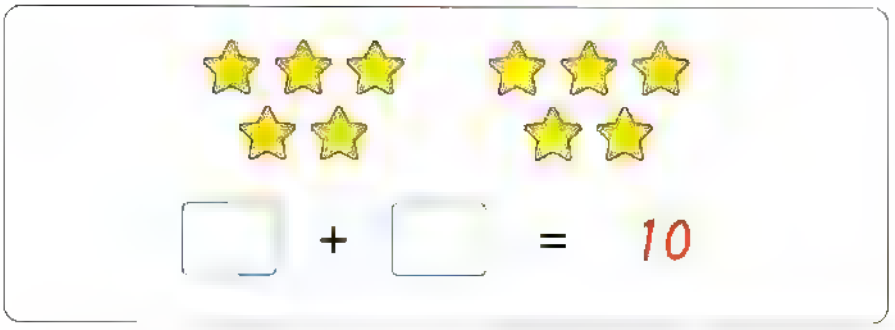
___ + ___ = 10



___ + ___ = 10

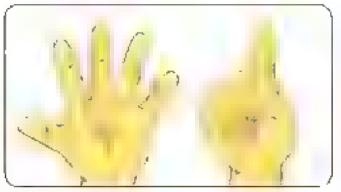


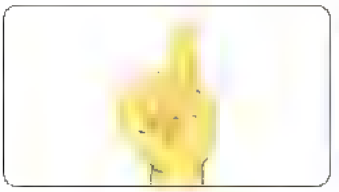
___ + ___ = 10

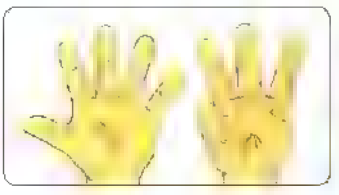


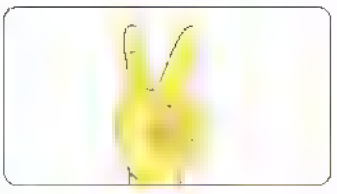
___ + ___ = 10

## Count, write the numbers then match to make 10.

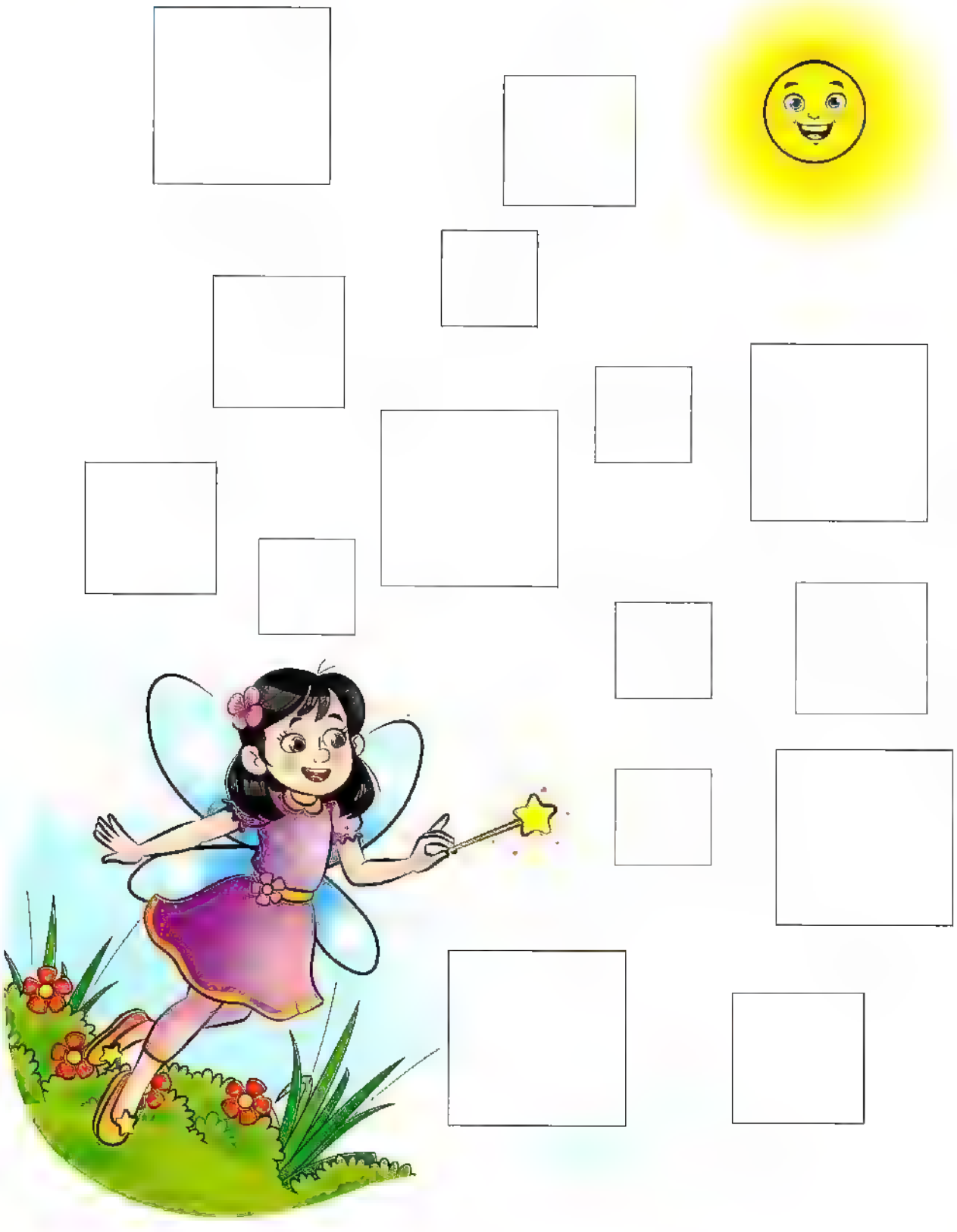




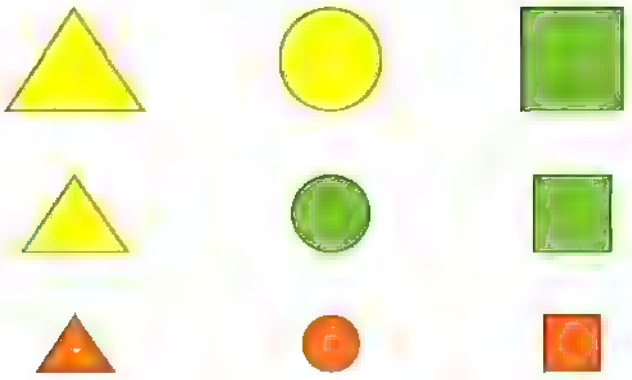




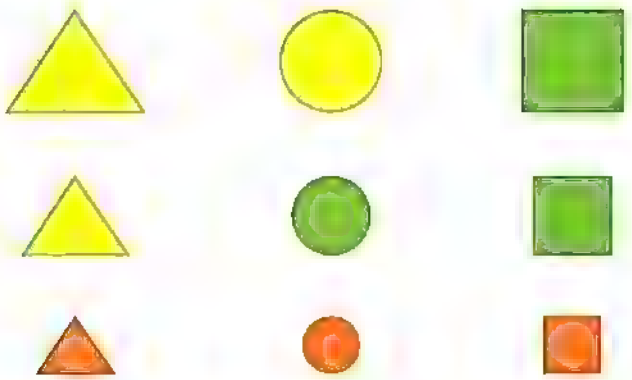
Color the squares that have the same size by the same color.



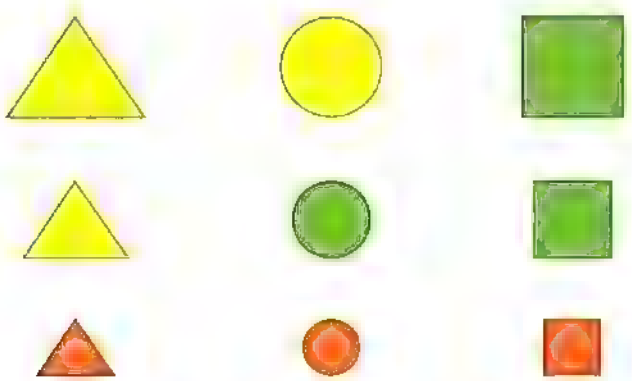
## Circle the objects having the same shape ( △ - □ - ○ ).



## Circle the objects having the same size ( Large - Medium - Small ).



## Circle the objects having the same color ( Red - Yellow - Green ).



## More addition problems

### Add.

| | | | | |
|---|---|---|---|---|
| 3 + 2 | 7 + 1 | 2 + 4 | 6 + 3 | 5 + 5 |
| 1 + 8 | 10 + 0 | 2 + 7 | 8 + 2 | 9 + 1 |

### Write the sum.

4 + 3 = ___ 5 + 2 = ___ 9 + 0 = ___

6 + 1 = ___ 3 + 7 = ___ 2 + 1 = ___

3 + 5 = ___ 4 + 2 = ___ 2 + 6 = ___

8 + 1 = ___ 4 + 4 = ___ 0 + 10 = ___

### Add, then match the equal sums.

4 + 1 = ___ 6 + 4 = ___

5 + 4 = ___ 5 + 0 = ___

7 + 3 = ___ 6 + 2 = ___

1 + 7 = ___ 1 + 8 = ___

## Read each word problem. Solve each problem.

Marwan has 4 balloons and Heba has 2 balloons.

**How many balloons are there in all ?**

They have = ☐ + ☐ = ☐

Mary baked 5 big cookies and 5 small cookies.

**How many cookies did she bake in all ?**

She baked = ☐ + ☐ = ☐

Karim went to the market to buy some fruit.
He bought 6 apples and 3 oranges.

**How much fruit did Karim buy in all ?**

Karim bought = ☐ + ☐ = ☐ fruit.

Sama has 2 red flowers and Hani has 3 yellow flowers.

**How many flowers do they have in all ?**

They have = ☐ + ☐ = ☐ flowers.

Faried has 3 big fish. He also has 3 small fish.

**How many fish does he have in all ?**

He has = ☐ + ☐ = ☐ fish.

Place a smiley face

# Art Corner

Chapter 5

Add and color the picture according to the answers.

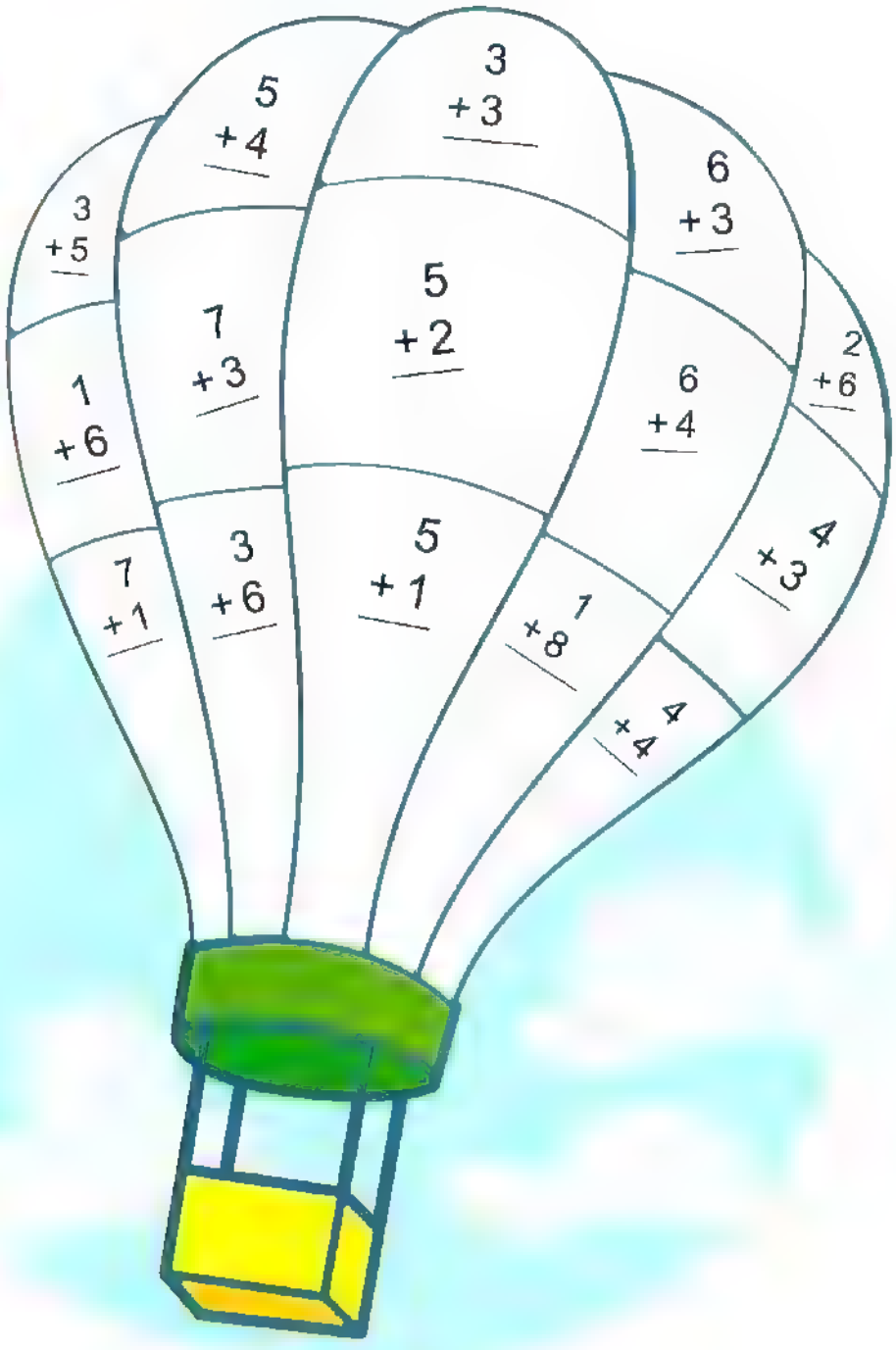
Orange 6

Blue 7

Red 8

Yellow 9

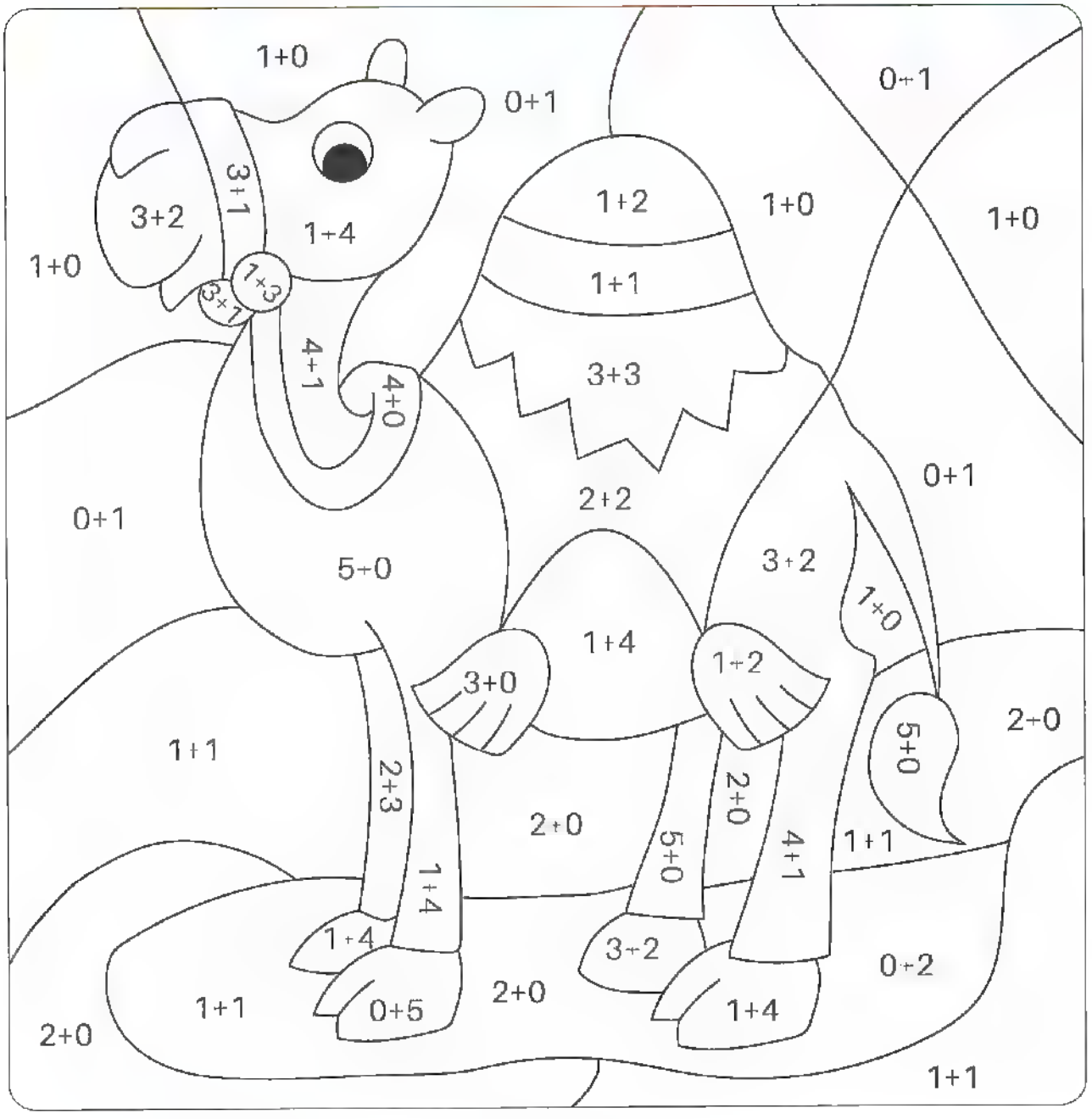
Green 10



## Add. Color the picture according to the answers.

Blue 1 | Black 3 | Brown 5

Yellow 2 | Red 4 | Green 6



# CHAPTER 6

## • Outcomes of lessons

### ▶ Lessons 41 to 43

- Participate in calendar math activities.
- Count by ones and tens up to 35.
- Read and write numerals up to 35
- Demonstrate understanding of the relationship between numbers and quantities up to 35.
- Subtract within 10 using objects and drawings.

### ▶ Lessons 44 to 46

- Participate in calendar math activities.
- Count by ones and tens up to 40.
- Read and write numerals up to 40.
- Demonstrate understanding of the relationship between numbers and quantities up to 40.
- Compare numbers from 0 to 20 using symbols >, < and =.
- Apply strategies to find the difference between two numbers.

### ▶ Lessons 47 & 48

- Participate in calendar math activities.
- Read and write numerals up to 40.
- Apply strategies to solve addition and subtraction problems.

### ▶ Lessons 49 & 50

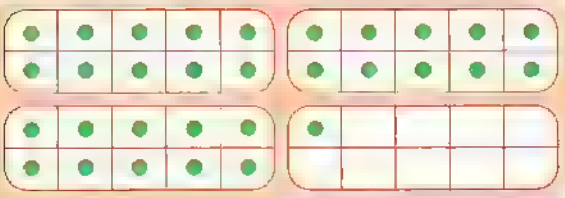
- Participate in calendar math activities.
- Count by ones and tens up to 40.
- Solve addition problems to create fact families.
- Identify patterns in fact families.

Lessons

# 41 to 43

- Numbers from 31 to 35
- Subtracting within 10

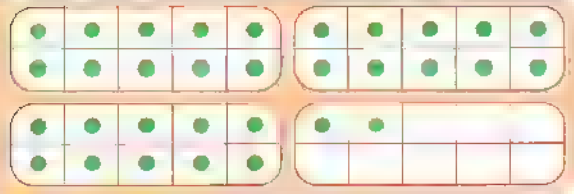
## 31 Thirty-one



3 sets of ten and 1 extra one

Trace and write.

## 32 Thirty-two



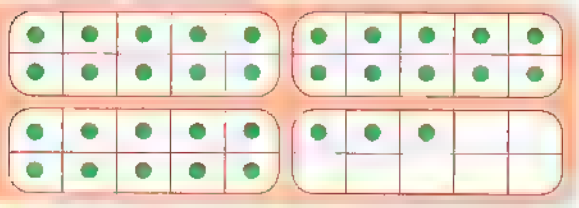
3 sets of ten and 2 extra ones

Trace and write.

Notes for parents

- Ask your child to draw 32 circles and write the numbers from 1 to 32

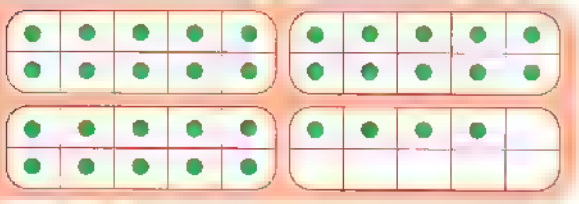
# 33 Thirty-three



3 sets of ten and 3 extra ones

## Trace and write.

# 34 Thirty-four

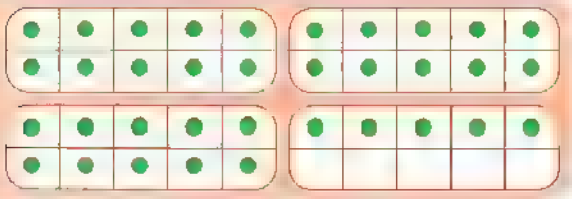


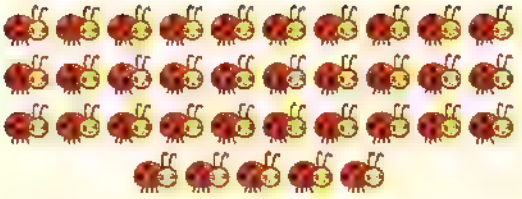
3 sets of ten and 4 extra ones

## Trace and write.

• Have fun finding things to count at home like pasta and beans.

# 35 Thirty-five

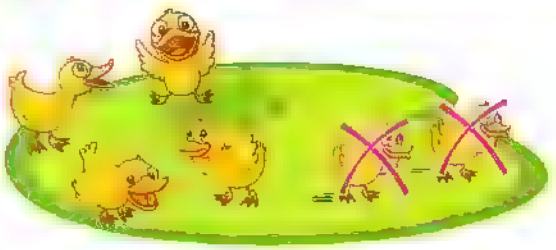




3 sets of ten and 5 extra ones

## Trace and write.

## Subtracting within 10

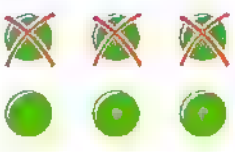


Write : 6 − 2 = 4

Say : 6 minus 2 equals 4

## More Examples

3 − 1 = 2



6 − 3 = 3

5 − 4 = 1

Notes for parents

- Ask your child to count by ones from 1 to 35.

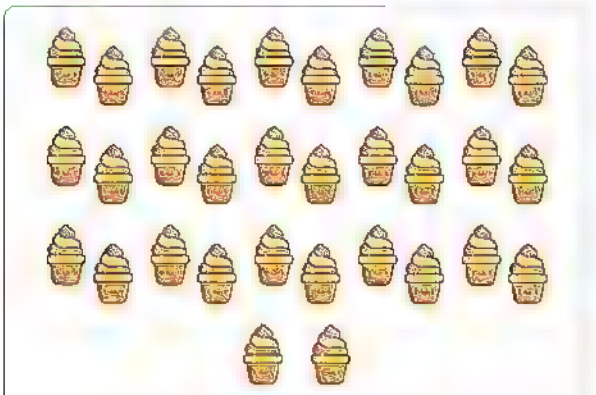
# Exercise 18

On Lessons 41 to 43

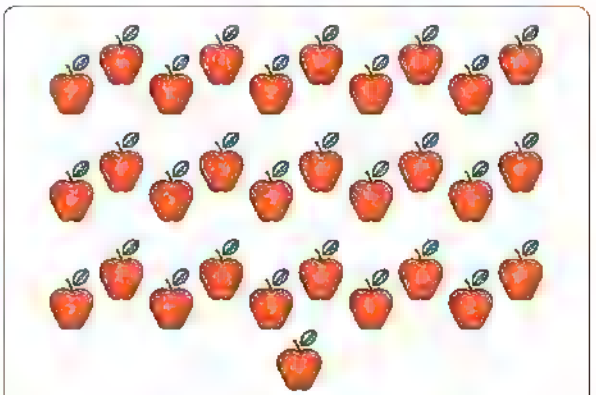
- Numbers from 31 to 35
- Subtracting within 10

## Numbers from 31 to 35

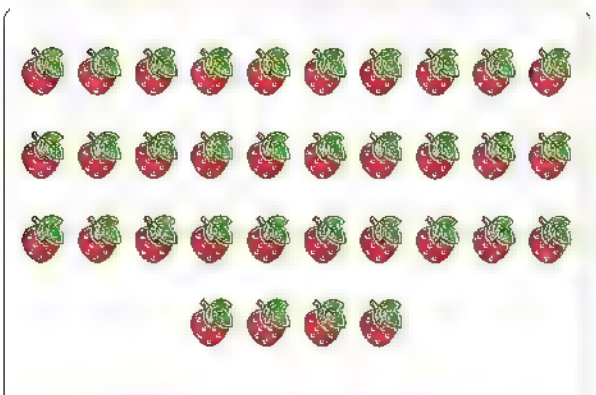
**Count the objects, then choose the correct number.**



23 30 32



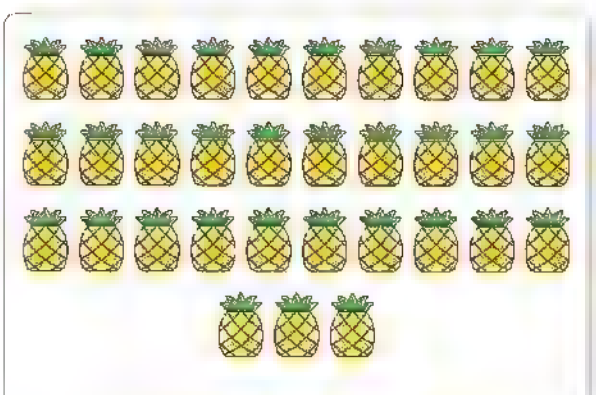
30 31 29



30 32 34

20 33 30

35 33 31



35 34 33

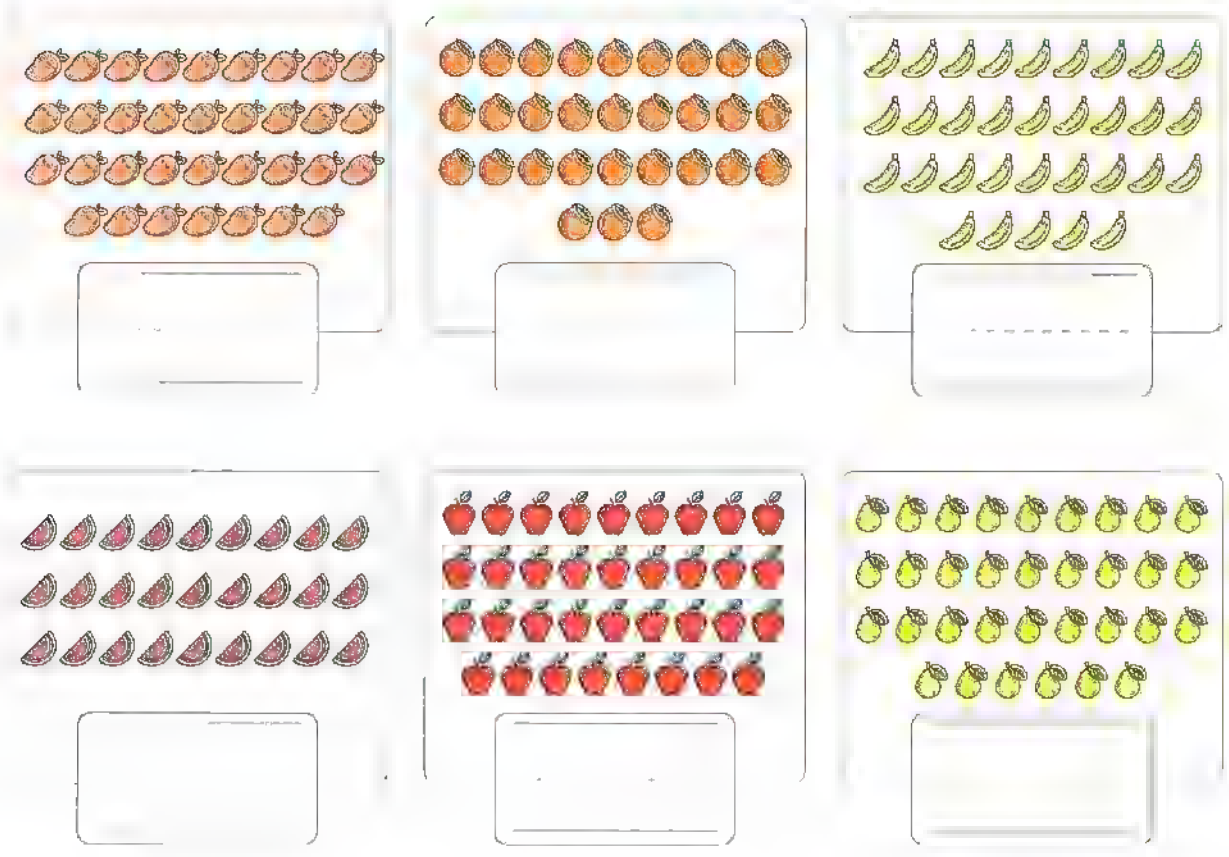
## Match.

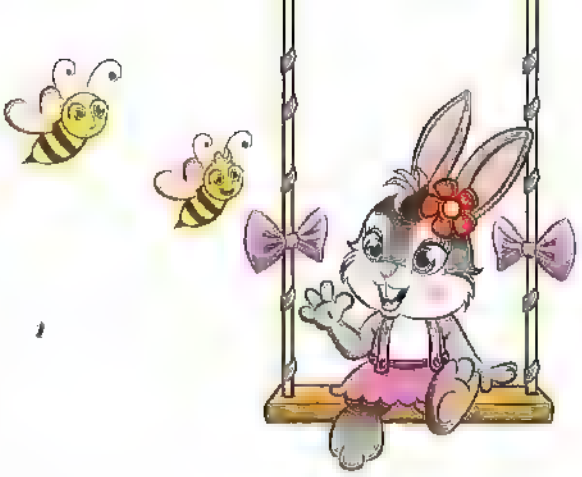
| | |
|---|---|
| 30 | Thirty-two |
| 12 | Twenty-two |
| 22 | Thirty-three |
| 33 | Twelve |
| 32 | Thirty |

## Match.

| | |
|---|---|
| 25 | Thirty-five |
| 35 | Twenty-eight |
| 34 | Thirty-one |
| 31 | Twenty-five |
| 28 | Thirty-four |

## Count the fruits.
## Then write the correct number in the box.





## Complete the missing numbers.

- 29 , 30 , ____ , ____ , 33 , ____ ,
- 21 , 22 , 23 , ____ , ____ , 26 ,
- 28 , ____ , 30 , ____ , 32 , ____ ,
- ____ , 26 , ____ , 28 , 29 , ____ ,

## Write the numbers from the smallest to the greatest.

- 15 , 12 , 17 , 21 , 16
  ____ , ____ , ____ , ____ , ____
- 34 , 31 , 29 , 33 , 30
  ____ , ____ , ____ , ____ , ____
- 27 , 35 , 32 , 26 , 28
  ____ , ____ , ____ , ____ , ____
- 35 , 33 , 29 , 34 , 19
  ____ , ____ , ____ , ____ , ____

## Write the numbers from the greatest to the smallest.

- 28 , 34 , 19 , 35 , 26
  ____ , ____ , ____ , ____ , ____
- 30 , 35 , 33 , 32 , 31
  ____ , ____ , ____ , ____ , ____
- 18 , 28 , 34 , 30 , 20
  ____ , ____ , ____ , ____ , ____
- 26 , 33 , 27 , 22 , 30
  ____ , ____ , ____ , ____ , ____

## Subtract. Write the number of the left.

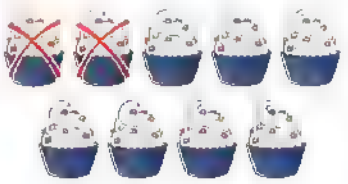
10 – 4 = ☐

8 – 3 = ☐

6 – 2 = ☐

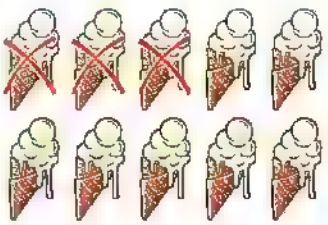
3 – 1 = ☐

7 – 5 = ☐



9 – 2 = ☐

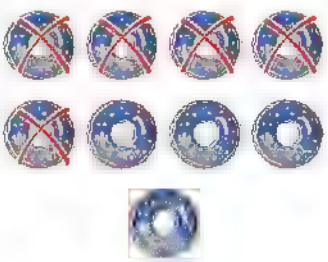
5 – 3 = ☐



10 – 3 = ☐

8 – 7 = ☐

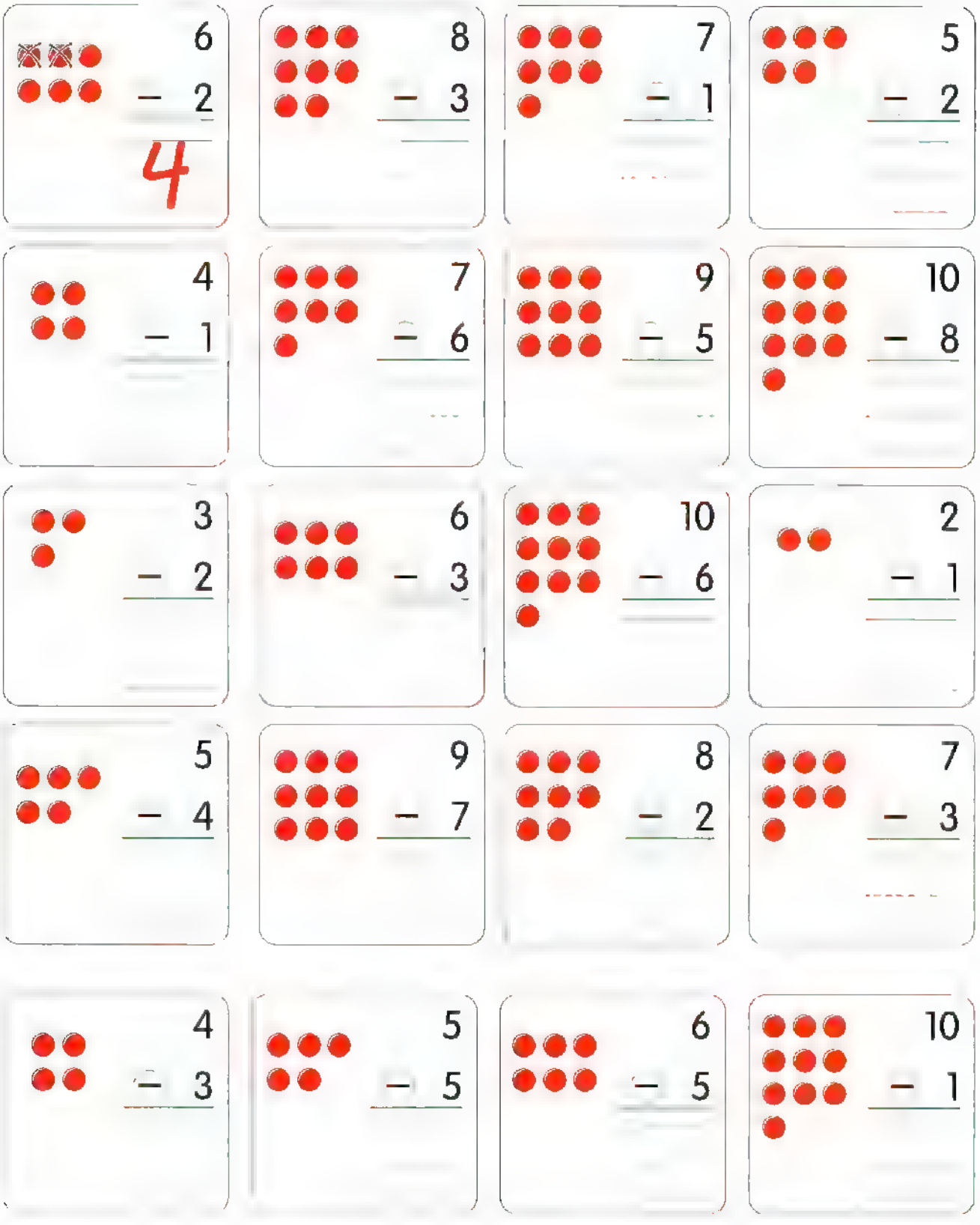
4 – 2 = ☐



9 – 5 = ☐

10 – 5 = ☐

Cross out to subtract. Write how many are left.
The first one is done for you.



## Choose the correct answer.

- 8 – 3 = ___ ( 4 or 5 or 6 )
- 7 – 2 = ___ ( 5 or 6 or 7 )
- 6 – 5 = ( 1 or 2 or 3 )
- 10 – 4 = ( 5 or 6 or 8 )
- 9 – 4 = ___ ( 2 or 5 or 7 )
- 5 – 1 = ( 2 or 3 or 4 )
- 10 – 5 = ( 0 or 5 or 10 )
- 9 – 2 = ( 7 or 6 or 5 )

## Join.

6 – 5 =

10 – 3 =

8 – 2 =

5 – 3 =

9 – 4 =

7

6

1

5

2

## Subtract.

| | | | | |
|---|---|---|---|---|
| 10 ⊖ 8 = | 7 ⊖ 3 = | 9 ⊖ 4 = | 6 ⊖ 1 = | 8 ⊖ 7 = |
| 6 ⊖ 5 = | 9 ⊖ 9 = | 10 ⊖ 3 = | 3 ⊖ 1 = | 4 ⊖ 2 = |
| 7 ⊖ 5 = | 8 ⊖ 5 = | 9 ⊖ 2 = | 3 ⊖ 3 = | 5 ⊖ 4 = |
| 7 ⊖ 6 = | 6 ⊖ 4 = | 10 ⊖ 1 = | 4 ⊖ 1 = | 2 ⊖ 1 = |

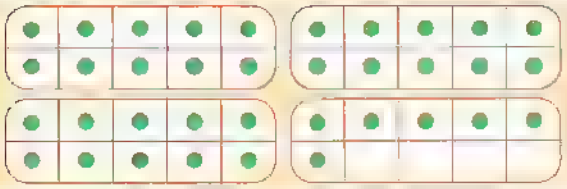
| | | |
|---|---|---|
| 9 ⊖ 1 = | 10 ⊖ 9 = | 8 ⊖ 8 = |
| 5 ⊖ 3 = | 9 ⊖ 5 = | 10 ⊖ 4 = |
| 10 ⊖ 2 = | 4 ⊖ 3 = | 6 ⊖ 3 = |
| 7 ⊖ 4 = | 9 ⊖ 3 = | 10 ⊖ 5 = |

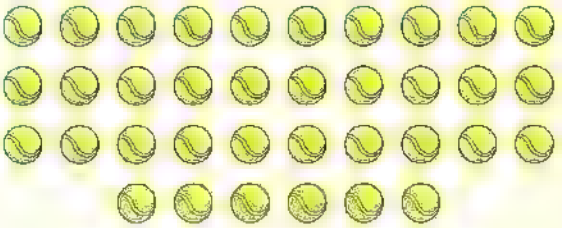
Place a smiley face

Lessons 44 to 46

- Numbers from 36 to 40
- Subtracting within 10 using the number line

# 36 Thirty-six

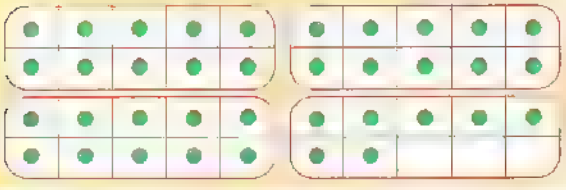




3 sets of ten and 6 extra ones

Trace and write.

# 37 Thirty-seven



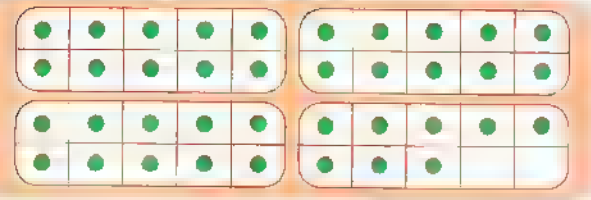
3 sets of ten and 7 extra ones

Trace and write.

Notes for parents

- Ask your child to count in order from 20 to 37.

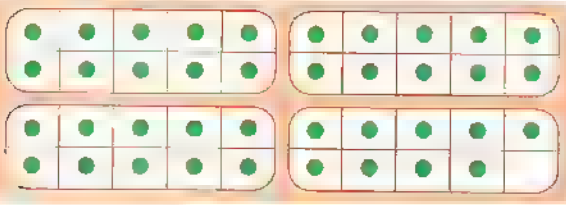
# 38 Thirty-eight



3 sets of ten and 8 extra ones

Trace and write.

# 39 Thirty-nine

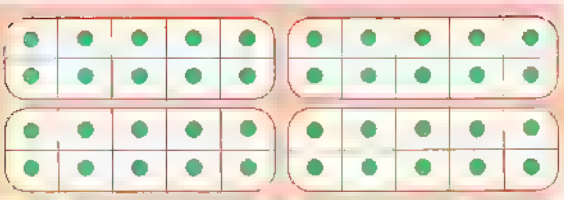


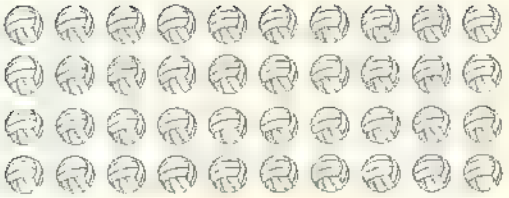
3 sets of ten and 9 extra ones

Trace and write.

• Ask your child to count from 30 to 39 by ones.

# 40 Forty





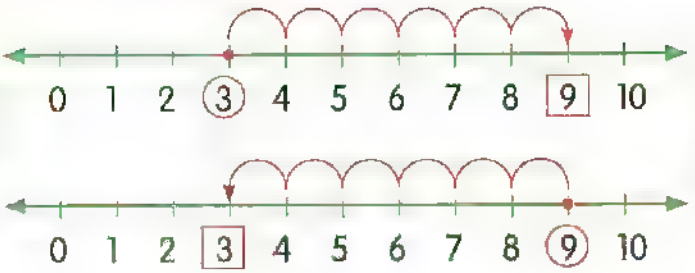
4 sets of ten

**Trace and write.**

## Subtracting within 10 using the number line

A number line can help find **differences**.

$9 - 3 = 6$




$$\begin{array}{r} 9 \\ -\,3 \\ \hline 6 \end{array}$$

Kangaroo makes **6** jumps forward from 3 to 9

or makes **6** jumps backward from 9 to 3

**Notes for parents**

- Give your child 40 small objects and ask him/her to set them in 4 sets of 10 to show 40.
- Help your child to use a number line to find the difference between two numbers within 10.

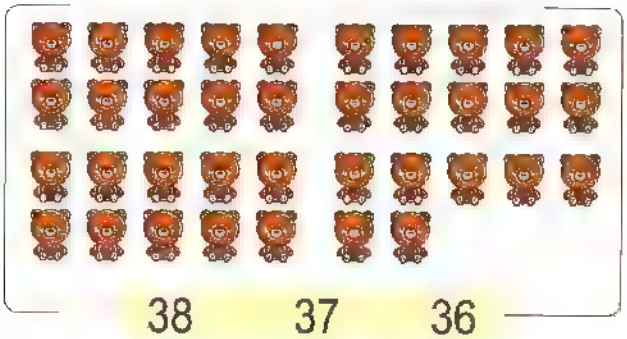
# Exercise 19

On Lessons 44 to 46

- Numbers from 36 to 40
- Subtracting within 10 using the number line

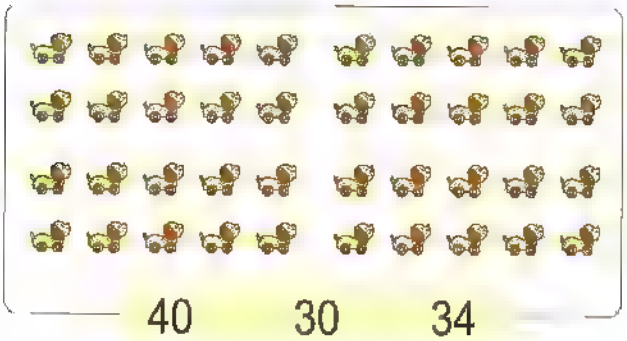
## Numbers from 36 to 40

**Circle the objects in groups of ten, then circle the correct number of all objects.**

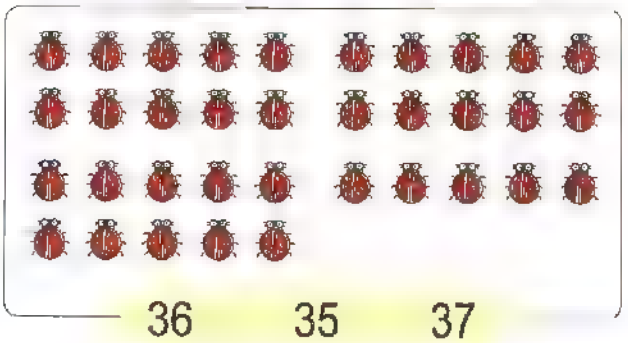


38 37 36

32 34 36



40 30 34

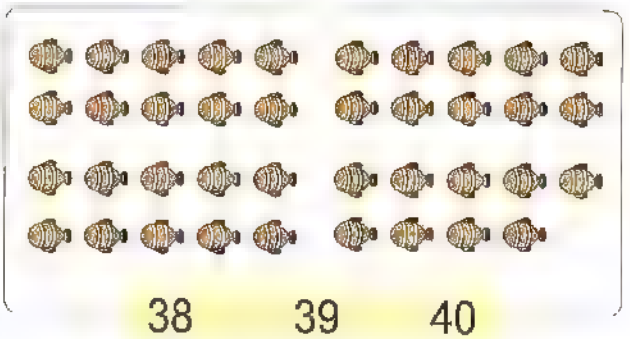


36 35 37

40 39 38

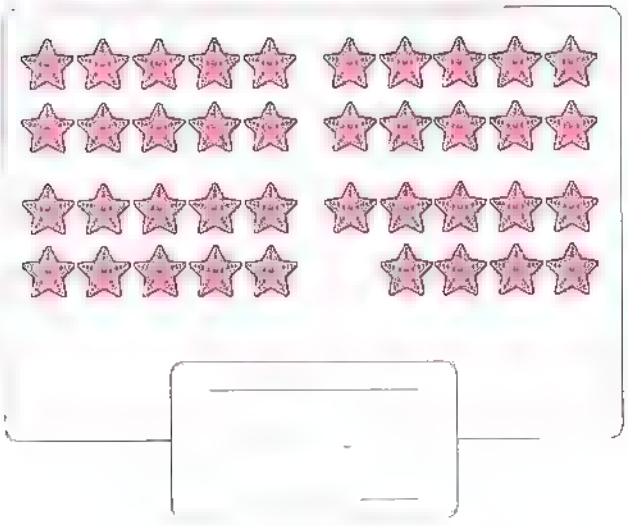
34 38 39

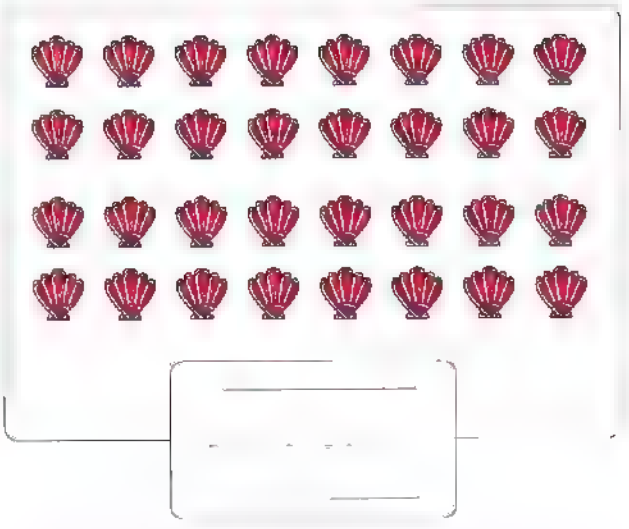
38 35 33

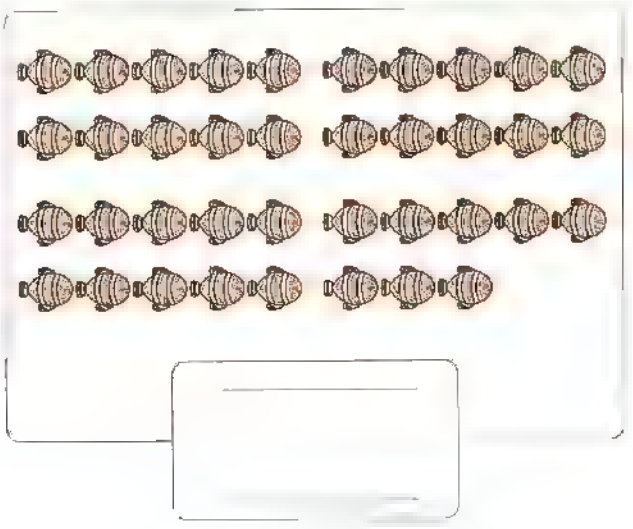


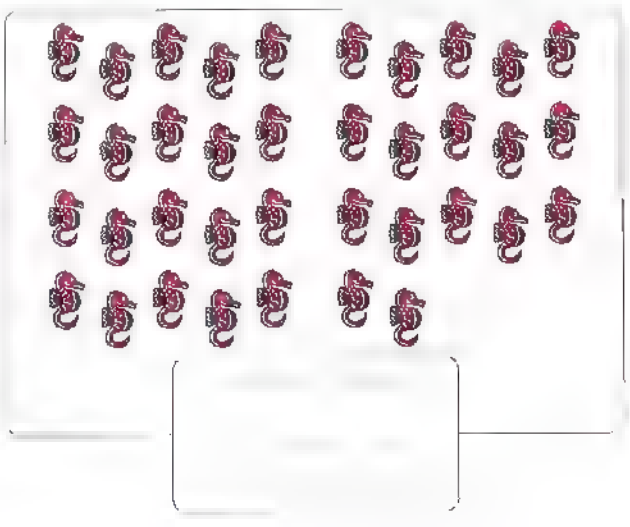
38 39 40

Circle the objects in groups of ten, then write how many are there in all.









## Complete using ( > , < or = ).

| | | |
|---|---|---|
| 35 ◯ 31 | 19 ◯ 40 | 18 ◯ 28 |
| 36 ◯ 39 | 25 ◯ 32 | 37 ◯ 28 |
| 29 ◯ 37 | 14 ◯ 41 | 35 ◯ 27 |
| 19 ◯ 20 | 38 ◯ 40 | 0 ◯ 1 |
| 36 ◯ 29 | 9 ◯ 10 | 30 ◯ 40 |

## Write the number that comes just before.

| | | |
|---|---|---|
| ..... 23 | ..... 34 | ..... 20 |
| ..... 17 | ..... 29 | ..... 36 |
| ..... 40 | ..... 37 | ..... 38 |

## Write the number that comes just after.

| | | |
|---|---|---|
| 15 ..... | 37 ..... | 9 ..... |
| 26 ..... | 13 ..... | 31 ..... |
| 36 ..... | 38 ..... | 39 ..... |

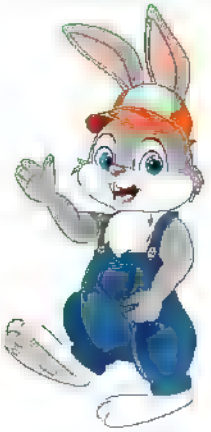
## Write the numbers from the smallest to the greatest.

- 36 , 29 , 38 , 31 , 30
  ____ , ____ , ____ , ____ ,
- 39 , 32 , 40 , 37 , 33
  ____ , ____ , ____ , ____ , ____
- 40 , 20 , 30 , 10 , 23
  ____ , ____ , ____ , ____ , ____
- 35 , 37 , 34 , 36 , 28
  ____ , ____ , ____ , ____ , ____

## Write the numbers from the greatest to the smallest.

- 24 , 9 , 37 , 27 , 18
  ____ , ____ , ____ , ____ ,
- 37 , 39 , 36 , 40 , 38
  ____ , ____ , ____ , ____ , ____
- 29 , 30 , 35 , 21 , 37
  ____ , ____ , ____ , ____ ,
- 33 , 22 , 20 , 39 , 26
  ____ , ____ , ____ , ____ , ____

## Complete the missing numbers.



- 34 , 35 , ____ , 37 , ____ , ____ , ____
- 29 , ____ , ____ , 32 , ____ , 34 , 35 , ____
- 24 , ____ , 26 , 27 , ____ , ____ , ____
- ____ , 20 , 21 , ____ , ____ , 24 , ____

## Subtracting within 10 using the number line

**Find the differences. Use the number line if you need to.**

| | | |
|---|---|---|
| 8 ⊖ 3 = ___ | 7 ⊖ 2 = ___ | 9 ⊖ 5 = ___ |
| 10 ⊖ 4 = ___ | 9 ⊖ 1 = ___ | 7 ⊖ 5 = ___ |
| 6 ⊖ 0 = ___ | 8 ⊖ 4 = ___ | 10 ⊖ 9 = ___ |

| | | | | |
|---|---|---|---|---|
| 6 ⊖ 4 = ___ | 8 ⊖ 2 = ___ | 5 ⊖ 5 = ___ | 4 ⊖ 2 = ___ | 7 ⊖ 6 = ___ |
| 10 ⊖ 3 = ___ | 7 ⊖ 4 = ___ | 9 ⊖ 7 = ___ | 8 ⊖ 6 = ___ | 8 ⊖ 7 = ___ |
| 3 ⊖ 3 = ___ | 8 ⊖ 1 = ___ | 4 ⊖ 3 = ___ | 10 ⊖ 5 = ___ | 10 ⊖ 8 = ___ |
| 6 ⊖ 1 = ___ | 5 ⊖ 4 = ___ | 9 ⊖ 4 = ___ | 9 ⊖ 8 = ___ | 7 ⊖ 0 = ___ |

## Subtract.

| | | |
|---|---|---|
| 7 ⊖ 2 = ___ | 8 ⊖ 7 = ___ | 6 ⊖ 2 = ___ |
| 9 ⊖ 5 = ___ | 10 ⊖ 4 = ___ | 4 ⊖ 4 = ___ |
| 2 ⊖ 1 = ___ | 5 ⊖ 2 = ___ | 10 ⊖ 2 = ___ |

| | | | | |
|---|---|---|---|---|
| 4 ⊖ 1 = ___ | 6 ⊖ 3 = ___ | 1 ⊖ 0 = ___ | 8 ⊖ 3 = ___ | 5 ⊖ 5 = ___ |
| 9 ⊖ 2 = ___ | 10 ⊖ 3 = ___ | 5 ⊖ 3 = ___ | 7 ⊖ 6 = ___ | 4 ⊖ 2 = ___ |

## Write (✓) for the correct statement and (✗) to the incorrect statement.

- 8 – 3 = 6 ( )
- 9 – 4 = 5 ( )
- 5 – 5 = 10 ( )
- 6 – 4 = 2 ( )
- 10 – 1 = 9 ( )
- 4 – 2 = 2 ( )
- 7 – 2 = 5 ( )
- 9 – 7 = 3 ( )

## Find the difference between. The first one is done for you.

To find the difference, put the greater number in the first place.

2 and 5

5 – 2 = 3

7 and 3

__ – __ = __

1 and 9

__ – __ = __

5 and 10

__ – __ = __

8 and 4

__ – __ = __

2 and 6

__ – __ = __

4 and 0

__ – __ = __

## Find the results. Compare the results using ( > , < or = ).

7 – 3 ◯ 7 + 3

2 + 4 ◯ 5 – 1

8 – 5 ◯ 0 + 3

6 – 2 ◯ 2 + 2

9 – 8 ◯ 5 – 5

10 – 4 ◯ 3 + 4

Place a smiley face

Lesson
# 47 & 48

- The relation between addition and subtraction (Fact families)
- Subtraction word problems

## Fact families

$6 + 4 = 10$

$4 + 6 = 10$

$10 - 4 = 6$

$10 - 6 = 4$

Addition and subtraction are opposites.
The addition and subtraction facts are related in a fact family. All the facts use the same numbers.

## More Examples

| | |
|---|---|
| $4 + 3 = 7$ | $1 + 5 = 6$ |
| $3 + 4 = 7$ | $5 + 1 = 6$ |
| $7 - 4 = 3$ | $6 - 5 = 1$ |
| $7 - 3 = 4$ | $6 - 1 = 5$ |
| $8 + 0 = 8$ | $3 + 7 = 10$ |
| $0 + 8 = 8$ | $7 + 3 = 10$ |
| $8 - 0 = 8$ | $10 - 7 = 3$ |
| $8 - 8 = 0$ | $10 - 3 = 7$ |

**Notes for parents**

- Ask your child to bring 10 small objects and a cup then hide some of these objects under the cup, then ask your child to calculate the number of h dden object by subtracting the number of left objects from 10.

# Subtraction word problems

Mariam has 7 , she gives 3 to Salma.

**How many does Mariam have now ?**

What Mariam has = 7 − 3 = 4

## Example 1

Sherif is 8 years old. His brother Bassem is 4 years old.

**Find the difference between their ages.**

### Solution

The difference = 8 − 4 = 4 years.

## Example 2

There were 5 on a tree. 2 of them flew away.

**How many are left ?**

### Solution

The left = 5 − 2 = 3

- Tell a subtraction story for 9-1, then write the numbers to solve the subtraction problem.
- Ask your child to draw a number line from 0 to 10 to help him/her for solving subtraction problems.

# Exercise 20

On Lessons 47 & 48

- The relation between addition and subtraction (Fact families)
- Subtraction word problems

## Fact families

**Write the result.**

| | | | |
|---|---|---|---|
| 2 + 6 = ____ | 4 + 2 = ____ | 3 + 6 = ____ | 9 + 1 = ____ |
| 6 + 2 = ____ | 2 + 4 = ____ | 6 + 3 = ____ | 1 + 9 = ____ |
| 8 – 6 = ____ | 6 – 4 = ____ | 9 – 3 = ____ | 10 – 1 = ____ |
| 8 – 2 = ____ | 6 – 2 = ____ | 9 – 6 = ____ | 10 – 9 = ____ |
| 5 + 2 = ____ | 1 + 2 = ____ | 7 + 2 = ____ | 8 + 1 = ____ |
| 2 + 5 = ____ | 2 + 1 = ____ | 2 + 7 = ____ | 1 + 8 = ____ |
| 7 – 5 = ____ | 3 – 2 = ____ | 9 – 7 = ____ | 9 – 8 = ____ |
| 7 – 2 = ____ | 3 – 1 = ____ | 9 – 2 = ____ | 9 – 1 = ____ |
| 5 + 1 = ____ | 4 + 3 = ____ | 6 + 1 = ____ | 7 + 3 = ____ |
| 1 + 5 = ____ | 3 + 4 = ____ | 1 + 6 = ____ | 3 + 7 = ____ |
| 6 – 1 = ____ | 7 – 3 = ____ | 7 – 1 = ____ | 10 – 3 = ____ |
| 6 – 5 = ____ | 7 – 4 = ____ | 7 – 6 = ____ | 10 – 7 = ____ |
| 5 + 4 = ____ | 8 + 2 = ____ | 3 + 1 = ____ | 5 + 3 = ____ |
| 4 + 5 = ____ | 2 + 8 = ____ | 1 + 3 = ____ | 3 + 5 = ____ |
| 9 – 4 = ____ | 10 – 2 = ____ | 4 – 3 = ____ | 8 – 3 = ____ |
| 9 – 5 = ____ | 10 – 8 = ____ | 4 – 1 = ____ | 8 – 5 = ____ |

**Write a pair of addition and subtraction facts for each group of numbers. The first one is done for you.**

| 4 1 5 |
| --- |
| 4 + 1 = 5 |
| 1 + 4 = 5 |
| 5 − 4 = 1 |
| 5 − 1 = 4 |

| 6 2 8 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 2 7 9 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 2 5 7 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 1 2 3 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 4 2 6 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 3 7 10 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 3 1 4 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 5 4 9 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 4 3 7 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 7 1 8 |
| --- |
| + = |
| + = |
| − = |
| − = |

| 8 2 10 |
| --- |
| + = |
| + = |
| − = |
| − = |

## Complete.

| | | |
|---|---|---|
| 5 ⊕ 2 = 7 | 7 ⊖ 5 = ___ | 7 ⊖ 2 = ___ |
| 4 ⊕ 6 = ___ | 10 ⊖ 6 = ___ | 10 ⊖ 4 = ___ |
| 1 ⊕ 8 = ___ | 9 ⊖ 8 = ___ | 9 ⊖ 1 = ___ |
| 3 ⊕ 0 = ___ | 3 ⊖ 0 = ___ | 3 ⊖ 3 = ___ |
| 2 ⊕ 4 = ___ | 6 ⊖ 2 = ___ | 6 ⊖ 4 = ___ |
| 7 ⊕ 1 = ___ | 8 ⊖ 7 = ___ | 8 ⊖ 1 = ___ |

## Complete.

| | | |
|---|---|---|
| 3 + 2 = 5<br>5 - 3 = ___ | 5 + 3 = 8<br>8 - 5 = ___ | 1 + 3 = ___<br>4 - 3 = ___ |
| 1 + 2 = ___<br>3 - 2 = ___ | 4 + 4 = ___<br>8 - 4 = ___ | 6 + 2 = ___<br>8 - 6 = ___ |
| 5 + 4 = ___<br>9 - 5 = ___ | 2 + 8 = ___<br>10 - 2 = ___ | 6 + 2 = ___<br>7 - 1 = ___ |
| 2 + 1 = ___<br>3 - 2 = ___ | 1 + 5 = ___<br>6 - 5 = ___ | 5 + 5 = ___<br>10 - 5 = ___ |

## Subtraction word problems

**Solve each of the following problems.**

There are 6 eggs on a shelf. 4 eggs of them fell off.

**How many eggs were left ?**

The left eggs = ☐ − ☐ = ☐ eggs.

Sameh has 10 balloons and his brother Ashraf has 6 balloons.

**Find the difference between what they have.**

The difference = ☐ − ☐ = ☐ balloons.

Martin has 9 books. Yahia has 3 books.

**How many more books does Martin have than Yahia ?**

The number of books = ☐ − ☐ = ☐ books.

Perry had 7 pies. She gave 2 pies to Andy.

**How many pies does Perry have left ?**

The left pies = ☐ − ☐ = ☐ pies.

Ahmed has **10** pounds. If he bought sweets for **3** pounds.

**What is the remainder with him ?**

The remainder = ☐ − ☐ = ☐ pounds.

There are **9** pupils in a school bus. **5** of them are boys.

**What is the number of girls ?**

The number of girls = ☐ − ☐ = ☐ girls.

**8** cars were in the cars park. If **6** cars went away.

**How many cars are there in the cars park now ?**

The number of cars in the park now = ☐ − ☐ = ☐ cars.

John has **7** marbles. His friend Mark has **4** marbles.

**How many more marbles does John have ?**

What John has more than Mark = ☐ − ☐ = ☐ marbles.

Place a smiley face

Lessons

# 49 & 50 Addition fact family

**Family 1**

1 + 0 = 1
1 + 1 = 2
1 + 2 = 3
1 + 3 = 4
1 + 4 = 5
1 + 5 = 6
1 + 6 = 7
1 + 7 = 8
1 + 8 = 9
1 + 9 = 10
1 + 10 = 11

**Family 2**

2 + 0 = 2
2 + 1 = 3
2 + 2 = 4
2 + 3 = 5
2 + 4 = 6
2 + 5 = 7
2 + 6 = 8
2 + 7 = 9
2 + 8 = 10
2 + 9 = 11
2 + 10 = 12

**Family 3**

3 + 0 = 3
3 + 1 = 4
3 + 2 = 5
3 + 3 = 6
3 + 4 = 7
3 + 5 = 8
3 + 6 = 9
3 + 7 = 10
3 + 8 = 11
3 + 9 = 12
3 + 10 = 13

**Family 4**

4 + 0 = 4
4 + 1 = 5
4 + 2 = 6
4 + 3 = 7
4 + 4 = 8
4 + 5 = 9
4 + 6 = 10
4 + 7 = 11
4 + 8 = 12
4 + 9 = 13
4 + 10 = 14

**Family 5**

5 + 0 = 5
5 + 1 = 6
5 + 2 = 7
5 + 3 = 8
5 + 4 = 9
5 + 5 = 10
5 + 6 = 11
5 + 7 = 12
5 + 8 = 13
5 + 9 = 14
5 + 10 = 15

**Notes for parents**

- Practice your child find the pattern in addition fact families.

**Family 6**

6 + 0 = 6
6 + 1 = 7
6 + 2 = 8
6 + 3 = 9
6 + 4 = 10
6 + 5 = 11
6 + 6 = 12
6 + 7 = 13
6 + 8 = 14
6 + 9 = 15
6 + 10 = 16

**Family 7**

7 + 0 = 7
7 + 1 = 8
7 + 2 = 9
7 + 3 = 10
7 + 4 = 11
7 + 5 = 12
7 + 6 = 13
7 + 7 = 14
7 + 8 = 15
7 + 9 = 16
7 + 10 = 17

**Family 8**

8 + 0 = 8
8 + 1 = 9
8 + 2 = 10
8 + 3 = 11
8 + 4 = 12
8 + 5 = 13
8 + 6 = 14
8 + 7 = 15
8 + 8 = 16
8 + 9 = 17
8 + 10 = 18

**Family 9**

9 + 0 = 9
9 + 1 = 10
9 + 2 = 11
9 + 3 = 12
9 + 4 = 13
9 + 5 = 14
9 + 6 = 15
9 + 7 = 16
9 + 8 = 17
9 + 9 = 18
9 + 10 = 19

**Family 10**

10 + 0 = 10
10 + 1 = 11
10 + 2 = 12
10 + 3 = 13
10 + 4 = 14
10 + 5 = 15
10 + 6 = 16
10 + 7 = 17
10 + 8 = 18
10 + 9 = 19
10 + 10 = 20

- Play with your child counting games, for example . say a number and let your child say the number that comes just after,... and so on.

# Exercise 21

On Lessons 49 & 50

## Addition fact family

### 1 Family

| | |
|---|---|
| 1 + 0 = ___ | 1 + 1 = ___ |
| 1 + 2 = ___ | 1 + 3 = ___ |
| 1 + 4 = ___ | 1 + 5 = ___ |
| 1 + 6 = ___ | 1 + 7 = ___ |
| 1 + 8 = ___ | 1 + 9 = ___ |
| 1 +10 = ___ | |

### 2 Family

| | |
|---|---|
| 2 + 0 = ___ | 2 + 1 = ___ |
| 2 + 2 = ___ | 2 + 3 = ___ |
| 2 + 4 = ___ | 2 + 5 = ___ |
| 2 + 6 = ___ | 2 + 7 = ___ |
| 2 + 8 = ___ | 2 + 9 = ___ |
| 2 +10 = ___ | |

### 3 Family

| | |
|---|---|
| 3 + 0 = ___ | 3 + 1 = ___ |
| 3 + 2 = ___ | 3 + 3 = ___ |
| 3 + 4 = ___ | 3 + 5 = ___ |
| 3 + 6 = ___ | 3 + 7 = ___ |
| 3 + 8 = ___ | 3 + 9 = ___ |
| 3 +10 = ___ | |

### 4 Family

| | |
|---|---|
| 4 + 0 = ___ | 4 + 1 = ___ |
| 4 + 2 = ___ | 4 + 3 = ___ |
| 4 + 4 = ___ | 4 + 5 = ___ |
| 4 + 6 = ___ | 4 + 7 = ___ |
| 4 + 8 = ___ | 4 + 9 = ___ |
| 4 +10 = ___ | |

### 5 Family

| | |
|---|---|
| 5 + 0 = ___ | 5 + 1 = ___ |
| 5 + 2 = ___ | 5 + 3 = ___ |
| 5 + 4 = ___ | 5 + 5 = ___ |
| 5 + 6 = ___ | 5 + 7 = ___ |
| 5 + 8 = ___ | 5 + 9 = ___ |
| 5 +10 = ___ | |

### 6 Family

| | |
|---|---|
| 6 + 0 = ___ | 6 + 1 = ___ |
| 6 + 2 = ___ | 6 + 3 = ___ |
| 6 + 4 = ___ | 6 + 5 = ___ |
| 6 + 6 = ___ | 6 + 7 = ___ |
| 6 + 8 = ___ | 6 + 9 = ___ |
| 6 +10 = ___ | |

### 7 Family

| | |
|---|---|
| 7 + 0 = ___ | 7 + 1 = ___ |
| 7 + 2 = ___ | 7 + 3 = ___ |
| 7 + 4 = ___ | 7 + 5 = ___ |
| 7 + 6 = ___ | 7 + 7 = ___ |
| 7 + 8 = ___ | 7 + 9 = ___ |
| 7 +10 = ___ | |

### 8 Family

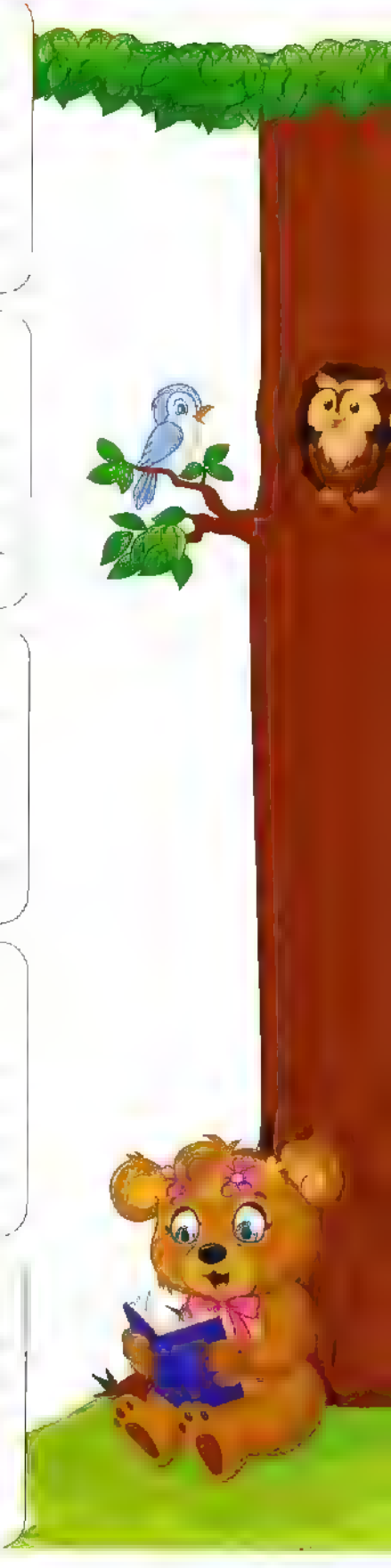
| | |
|---|---|
| 8 + 0 = ___ | 8 + 1 = ___ |
| 8 + 2 = ___ | 8 + 3 = ___ |
| 8 + 4 = ___ | 8 + 5 = ___ |
| 8 + 6 = ___ | 8 + 7 = ___ |
| 8 + 8 = ___ | 8 + 9 = ___ |
| 8 +10 = ___ | |

### 9 Family

| | |
|---|---|
| 9 + 0 = ___ | 9 + 1 = ___ |
| 9 + 2 = ___ | 9 + 3 = ___ |
| 9 + 4 = ___ | 9 + 5 = ___ |
| 9 + 6 = ___ | 9 + 7 = ___ |
| 9 + 8 = ___ | 9 + 9 = ___ |
| 9 +10 = ___ | |

### 10 Family

| | |
|---|---|
| 10 + 0 = ___ | 10 +1 = ___ |
| 10 + 2 = ___ | 10 +3 = ___ |
| 10 + 4 = ___ | 10 +5 = ___ |
| 10 + 6 = ___ | 10 +7 = ___ |
| 10 + 8 = ___ | 10 +9 = ___ |
| 10 +10 = ___ | |



## Write the missing numbers using the fact families.

6, 7, 8, ____, ____, ____, ____

____, 4, ____, 6, ____, ____, 9

5, 6, 7, ____, ____, ____, ____

12, ____, 14, 15, ____, ____, ____

____, 11, 12, ____, ____, ____, 16

1, 2, ____, ____, ____, ____, 7

____, ____, ____, 7, 8, ____, 10

____, ____, 9, 10, ____, ____, ____

____, ____, ____, ____, 7, 8, ____

____, 13, 14, ____, ____, 17,

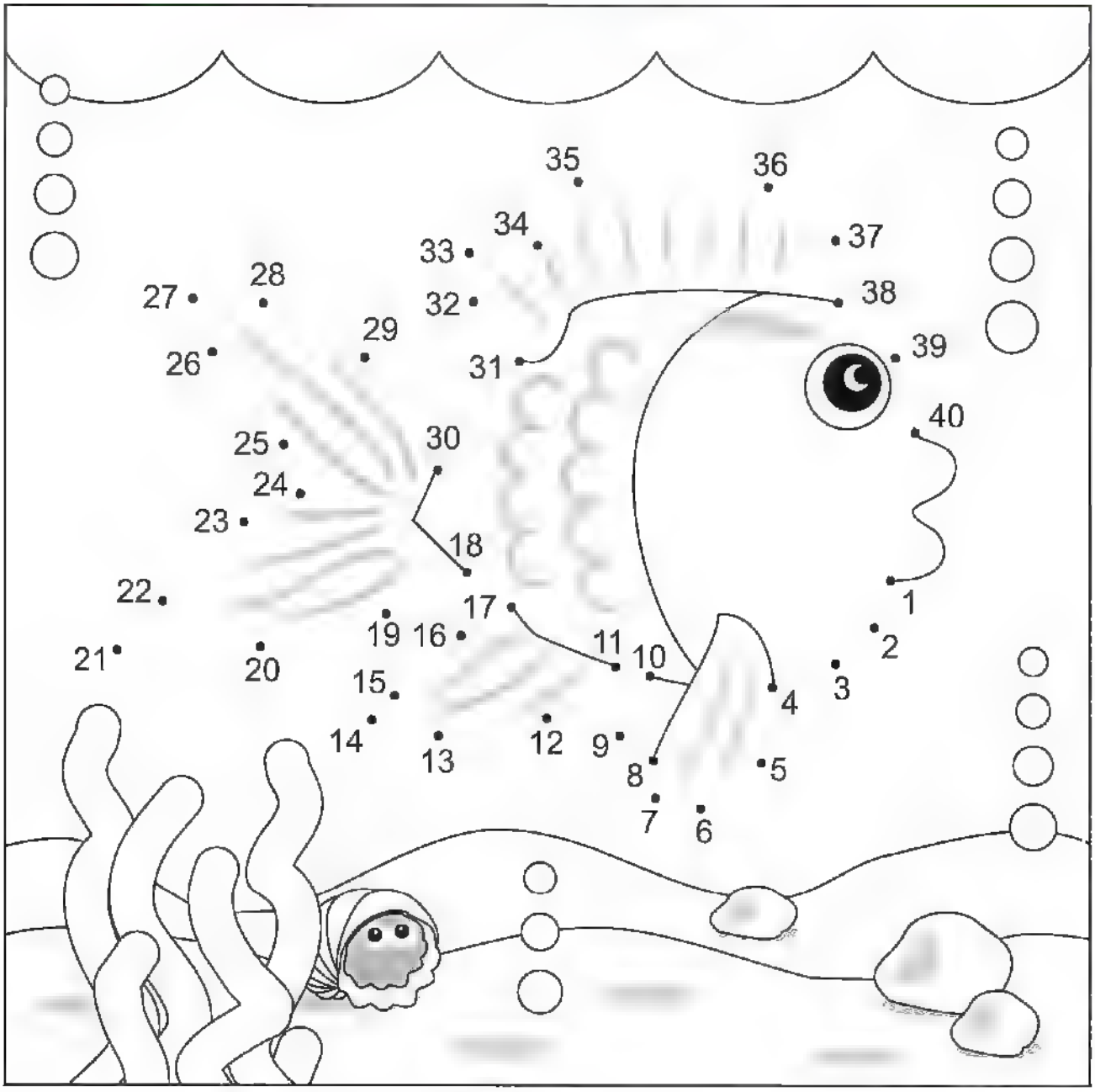
Place a smiley face

# Art Corner

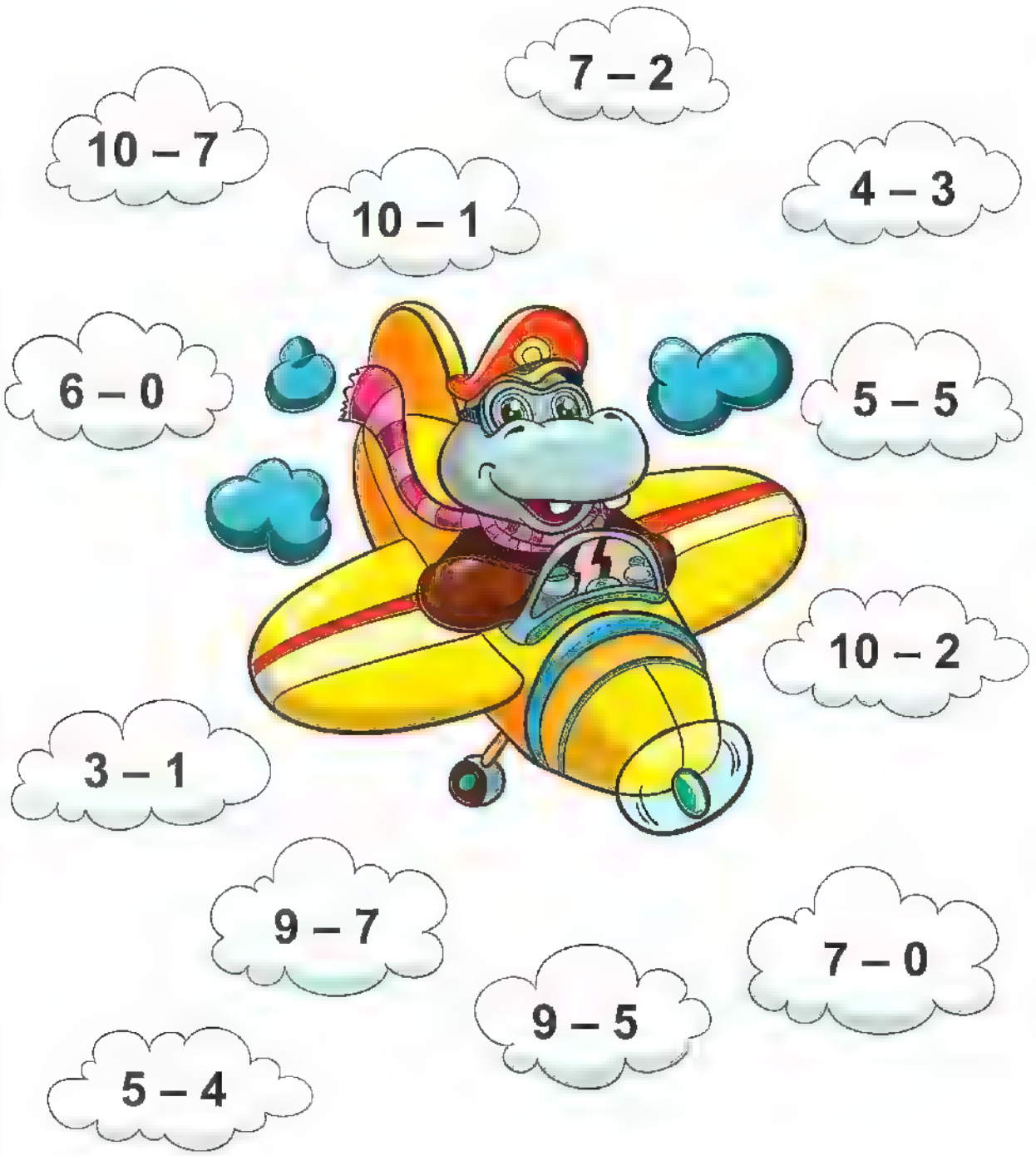
Chapter 6

## Connect numbers from 1 to 40.

What do you see ?



Find the result. Color the clouds that have a result greater than 4 in red and the clouds that have a result less than 5 in yellow.



# CHAPTER 7

## • Outcomes of lessons

### ▶ Lessons 51 & 52

- Participate in calendar math activities.
- Analyze number patterns in the hundred chart.
- Count by ones up to 100.
- Apply strategies to add and subtract within 10.
- Tell time to the hour on an analog clock.
- Compare objects in a set to identify one that does not belong.

### ▶ Lessons 53 & 54

- Participate in calendar math activities.
- Read and write numbers from 41 to 49.
- Read and write time to the hour on analog and digital clocks.

### ▶ Lessons 55 & 56

- Participate in calendar math activities
- Read and write numbers from 50 to 69.
- Count by ones and tens up to 69.
- Solve subtraction problems to create fact families.

### ▶ Lessons 57 to 60

- Participate in calendar math activities.
- Read and write numbers from 70 to 100.
- Solve addition problems within 20.
- Solve subtraction problems within 20.
- Describe strategies for solving challenging addition problems.

Lessons
51 & 52

- Add / Subtract within 10 using number chart
- Telling time "Analog clock"
- Belongs / Does not belong

## Number chart up to 100

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

- On the number chart up to 100 , try to discover many patterns.

### For Example

- The numbers that contain a 5 are : 5 , 15 , 25 , 35 , 45 , 50 , 51 , 52 , 53 , 54 , 55 , 56 , 57 , 58 , 59 , 65 , 75 , 85 , 95
- The numbers with two identical digits are : 11 , 22 , 33 , 44 , 55 , 66 , 77 , 88 , 99

Notes for parents

- Use the number chart to count and discover many patterns.

## Add / Subtract within 10 using number chart

**2 + 3**

Start from 2 and make **3 forward** jumps, you will reach 5

**2 + 3 = 5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **2** | 3 | 4 | 5 | 6 | 7 | 8 | 9 | **10** |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

**10 − 4**

Start from 10 and make **4 backward** jumps, you will reach 6

**10 − 4 = 6**

## More Examples

- 2 + 8 = 10
- 8 − 3 = 5
- 6 − 2 = 4
- 7 − 3 = 4
- 9 − 4 = 5
- 1 + 7 = 8
- 9 + 1 = 10
- 5 − 3 = 2

• Ask your child to tell you the sum and the difference between two numbers using the number chart.

## Telling time "Analog clock"

The long hand is the minute hand

The short hand is the hour hand

7 O'CLOCK

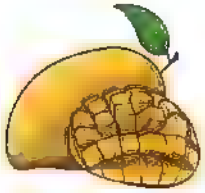
- When the minute hand points to the 12 , we say o'clock.
- The hour hand is pointing to the 7. It is 7 o'clock
- The day is 24 hours.
- If it is in the morning, we say that 7 A.M.
- If it is in the afternoon, we say that 7 P.M.

Notes for parents

• Ask your child to read a clock to the hour, several times through out the day.

# Belongs / Does not belong

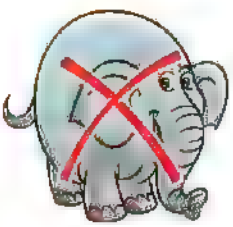
## Fruits



## More Examples

### Wild animals

### Pets



### Flowers

- Make groups of object that are alike in someway, such as kitchen too s include an object that does not belong
- Ask your child to tell what does not belong and explain wny.

# Exercise 22

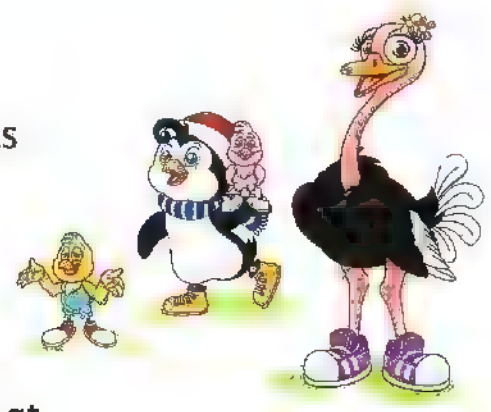
On Lessons 51 & 52

- Add / Subtract within 10 using number chart
- Telling time "Analog clock"
- Belongs / Does not belong

## Use the number chart up to 100 to answer.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

- Color all numbers that contain a 7
- Circle all numbers with two identical digits (Example : 55)
- Shade all numbers that contain a 0
- Underline the numbers with a first digit that is less than the second digit (Examples : 12 , 37)



## Adding / Subtracting within 10 using number chart

### Use the number chart to choose the correct answer.

5 + 1 = ____

4 5 6

10 − 3 = ____

4 7 8

8 − 4 = ____

4 5 12

5 − 2 = ____

2 3 4

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

4 + 1 = ____

4 5 3

9 − 5 = ____

4 5 6

3 + 2 = ____

1 4 5

### Use the number chart to find the results.

2 + 7 = ____

9 − 3 = ____

10 − 2 = ____

4 + 3 = ____

6 − 5 = ____

3 + 5 = ____

6 + 4 = ____

4 − 2 = ____

8 − 6 = ____

7 − 3 = ____

1 + 6 = ____

5 + 4 = ____

## Write the times below the clocks.

o'clock

o'clock

o'clock

o'clock

o'clock

o'clock

o'clock

o'clock

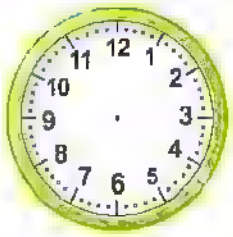
o'clock

o'clock

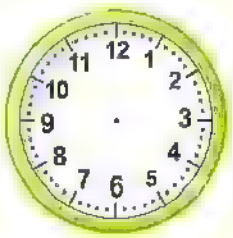
o'clock

o'clock

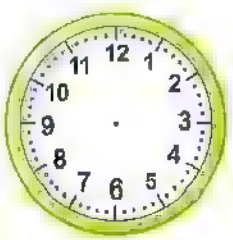
## Draw the two hands of the clock.



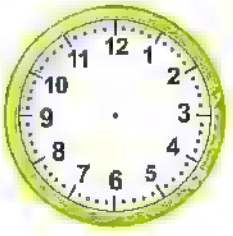
8 o'clock



3 o'clock

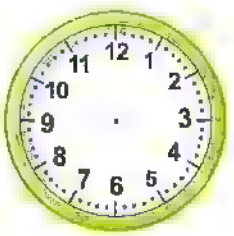


10 o'clock



5 o'clock

1 o'clock



4 o'clock

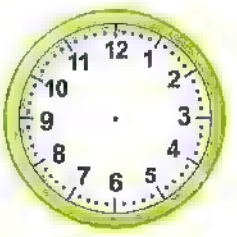
12 o'clock

2 o'clock

6 o'clock

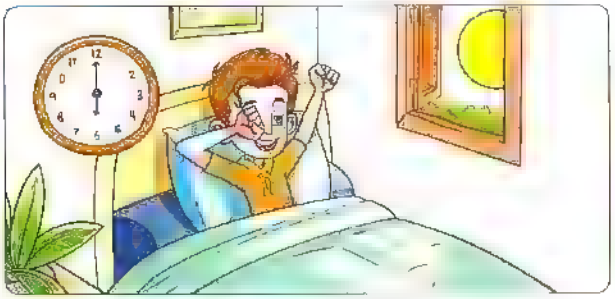
7 o'clock

9 o'clock



11 o'clock

## Write the number that tells the time of each activity.



I get up at ____ o'clock.

I go to school at ____ o'clock.

In the classroom at ____ o'clock.

I go back home at ____ o'clock.

Studying at home at ____ o'clock.

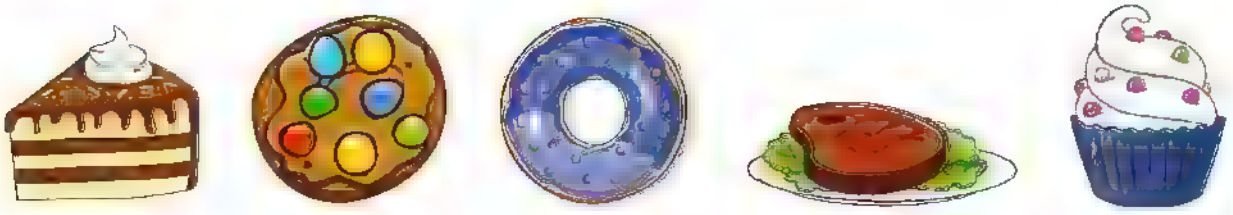
I have dinner at ____ o'clock.

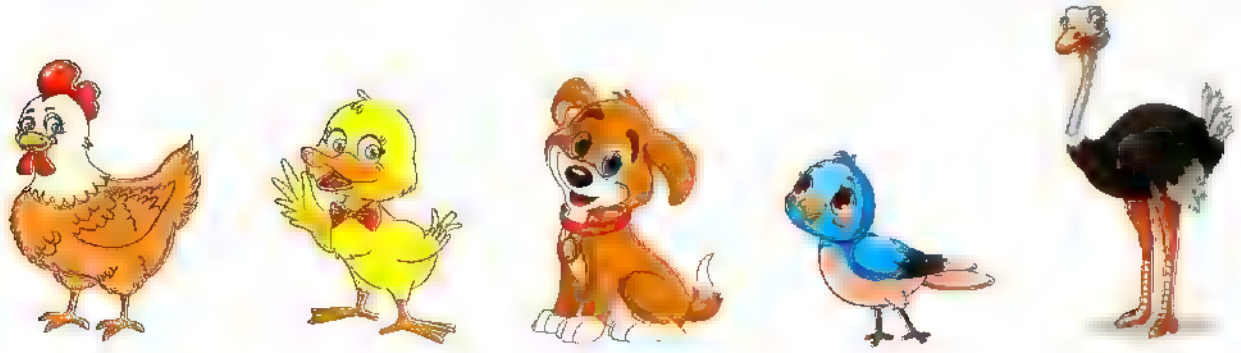
Reading a bedtime story at ____ o'clock.

I sleep at ____ o'clock.

## Belongs / Does not belong

Cross out (X) the picture that does **not belong** in each row.





Place a smiley face

Lessons 53 & 54

- Numbers from 41 to 49
- Digital clock and analog clock

## Numbers from 41 to 49

| | | | | |
|---|---|---|---|---|
| 41 | 42 | 43 | 44 | 45 |
| Forty-one | Forty-two | Forty-three | Forty-four | Forty-five |
| 46 | 47 | 48 | 49 | |
| Forty-six | Forty-seven | Forty-eight | Forty-nine | |

**Write the numbers from 41 to 49.**

## Digital clock and analog clock

Digital clock

4 o'clock

4:00

Both clocks show the same time.

Analog clock

Notes for parents

- Ask your child to practice counting and writing numbers from 41 to 49
- Practice your child read digital and analog clocks to the hour.

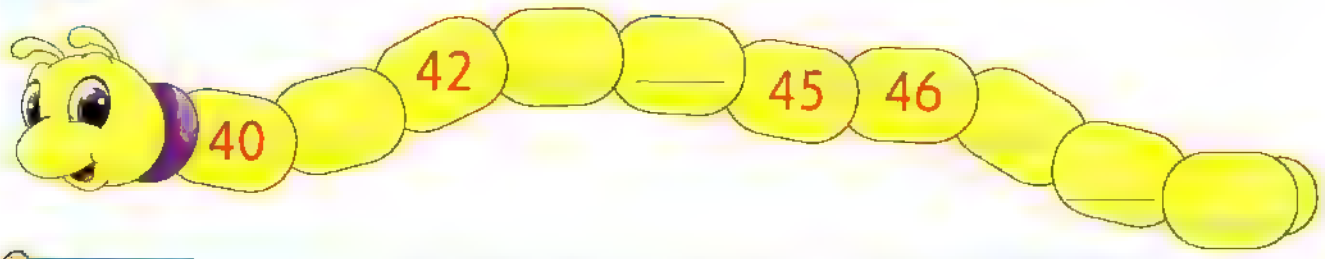
# Exercise 23

On Lessons 53 & 54

- Numbers from 41 to 49
- Digital clock and analog clock

## Numbers from 41 to 49

### Complete.




### Arrange in an ascending order.

- 47 , 27 , 37 , 49 , 41

The order is ___ , ___ , ___ , ___ , ___

- 29 , 48 , 39 , 43 , 40

The order is ___ , ___ , ___ , ___ , ___

- 36 , 43 , 34 , 25 , 46

The order is ___ , ___ , ___ , ___ , ___

### Arrange in a descending order.

- 17 , 27 , 48 , 42 , 45

The order is ___ , ___ , ___ , ___ , ___

- 23 , 32 , 41 , 38 , 29

The order is ___ , ___ , ___ , ___ , ___

- 27 , 45 , 46 , 35 , 30

The order is ___ , ___ , ___ , ___ , ___

## Digital clock and analog clock

### Match the clocks that show the same time.

### Draw the hour hand on the clock faces. Write the time on the digital clocks.

2 o'clock

11 o'clock

8 o'clock

6 o'clock

4 o'clock

12 o'clock

1 o'clock

7 o'clock

5 o'clock

3 o'clock

10 o'clock

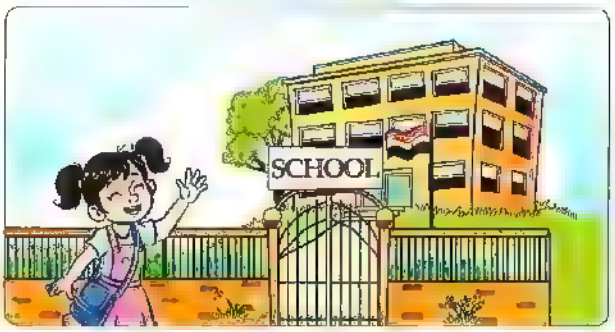
9 o'clock

## Ring the suitable time for each activity.

Waking up

01:00 06:00 11:00

Going to school




02:00 05:00 07:00

Doing homework

01:00 05:00 11:00

Brushing teeth before sleeping

03:00 12:00 09:00

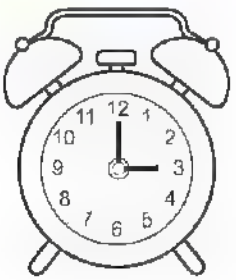
## Circle the clock that shows the same time.

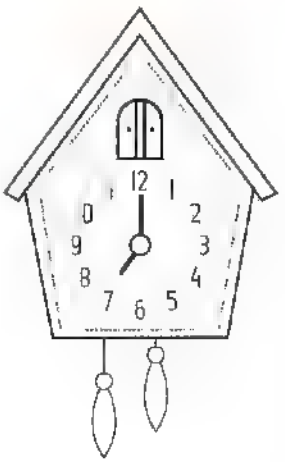
## Choose the time you would do each thing. Then color the times that match in the same color.

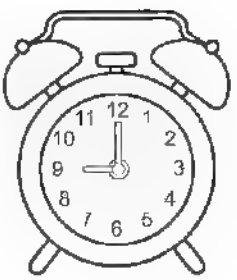
Go to sleep — green

Have lunch — yellow

Go to school — blue







Place a smiley face

Lessons

# 55 & 56

- Numbers from 50 to 69
- Using subtraction to create fact families

## Numbers from 50 to 59

| | | | |
|---|---|---|---|
| 50 Fifty | 51 Fifty-one | 52 Fifty-two | 53 Fifty-three |
| 54 Fifty-four | 55 Fifty-five | 56 Fifty-six | 57 Fifty-seven |
| 58 Fifty-eight | 59 Fifty-nine | | |

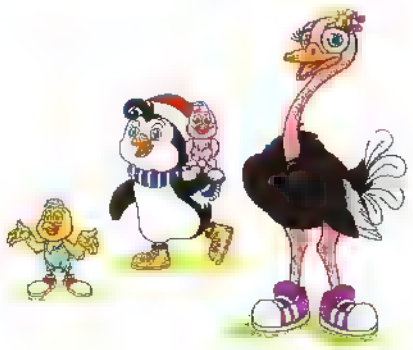
**Write the numbers from 50 to 59.**

**Notes for parents**

- Ask your child to name count numbers in order from 50 to 59.

## Numbers from 60 to 69

| | | | |
|---|---|---|---|
| 60 Sixty | 61 Sixty-one | 62 Sixty-two | 63 Sixty-three |
| 64 Sixty-four | 65 Sixty-five | 66 Sixty-six | 67 Sixty-seven |
| 68 Sixty-eight | 69 Sixty-nine | | |



### Write the numbers from 60 to 69.

Notes for parents

- Ask your child to write numbers in large unshaded font, then color them.

# Using subtraction to create fact families

**Family 1**

1 − 0 = 1
1 − 1 = 0

**Family 2**

2 − 0 = 2
2 − 1 = 1
2 − 2 = 0

**Family 3**

3 − 0 = 3
3 − 1 = 2
3 − 2 = 1
3 − 3 = 0

**Family 4**

4 − 0 = 4
4 − 1 = 3
4 − 2 = 2
4 − 3 = 1
4 − 4 = 0

**Family 5**

5 − 0 = 5
5 − 1 = 4
5 − 2 = 3
5 − 3 = 2
5 − 4 = 1
5 − 5 = 0

**Family 6**

6 − 0 = 6
6 − 1 = 5
6 − 2 = 4
6 − 3 = 3
6 − 4 = 2
6 − 5 = 1
6 − 6 = 0

**Family 7**

7 − 0 = 7
7 − 1 = 6
7 − 2 = 5
7 − 3 = 4
7 − 4 = 3
7 − 5 = 2
7 − 6 = 1
7 − 7 = 0

**Family 8**

8 − 0 = 8
8 − 1 = 7
8 − 2 = 6
8 − 3 = 5
8 − 4 = 4
8 − 5 = 3
8 − 6 = 2
8 − 7 = 1
8 − 8 = 0

**Family 9**

9 − 0 = 9
9 − 1 = 8
9 − 2 = 7
9 − 3 = 6
9 − 4 = 5
9 − 5 = 4
9 − 6 = 3
9 − 7 = 2
9 − 8 = 1
9 − 9 = 0

**Family 10**

10 − 0 = 10
10 − 1 = 9
10 − 2 = 8
10 − 3 = 7
10 − 4 = 6
10 − 5 = 5
10 − 6 = 4
10 − 7 = 3
10 − 8 = 2
10 − 9 = 1
10 − 10 = 0

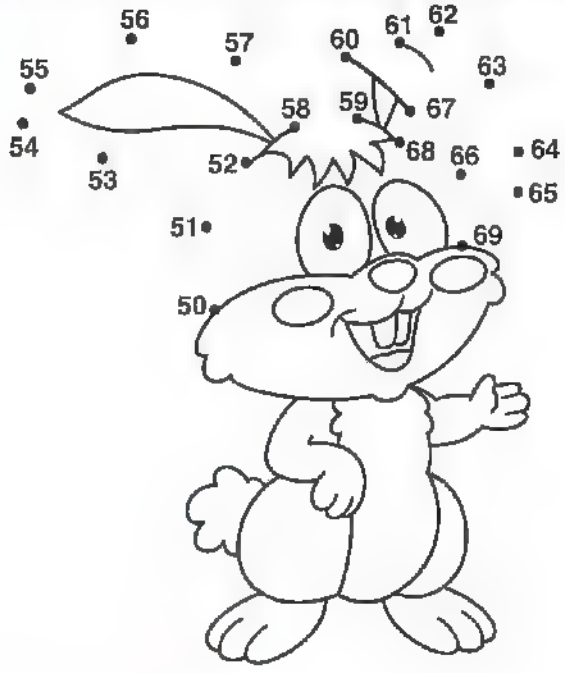
# Exercise 24

On Lessons 55 & 56

- Numbers from 50 to 69
- Using subtraction to create fact families

## Numbers up to 69

### Join the numbers in order. Color the picture.




What do you see? _____

### Complete the missing numbers.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | | | 4 | | | | 8 | |
| | 11 | | | | | 16 | | | 19 |
| 20 | | | | | 25 | | | | |
| | | | | | | | 37 | | 39 |
| 40 | | 42 | | | | | | | |
| | | | | 54 | | 56 | | | |
| 60 | | 62 | | | | | | | 69 |

## Complete the missing numbers.

## Write the number which comes just after.

| | | |
|---|---|---|
| 54 ____ | 61 ____ | 59 ____ |
| 66 ____ | 52 ____ | 67 ____ |

## Write the number which comes just before.

| | | |
|---|---|---|
| ____ 59 | ____ 64 | ____ 51 |
| ____ 69 | ____ 63 | ____ 58 |

## Put the suitable sign ( > , = or < ).

- 60 ◯ 59
- 58 ◯ 58
- 61 ◯ 57
- 65 ◯ 56
- 67 ◯ 49
- 63 ◯ 51
- 66 ◯ 55
- 50 ◯ 60
- 19 ◯ 52
- 64 ◯ 64
- 53 ◯ 62
- 69 ◯ 59

## Subtract to create fact families.

### 1 Family

1 – 0 = ___ 1 – 1 = ___

### 2 Family

2 – 0 = ___ 2 – 1 = ___
2 – 2 = ___

### 3 Family

3 – 0 = ___ 3 – 1 = ___
3 – 2 = ___ 3 – 3 = ___

### 4 Family

4 – 0 = ___ 4 – 1 = ___
4 – 2 = ___ 4 – 3 = ___
4 – 4 = ___

### 5 Family

5 – 0 = ___ 5 – 1 = ___
5 – 2 = ___ 5 – 3 = ___
5 – 4 = ___ 5 – 5 = ___

### 6 Family

6 – 0 = ___ 6 – 1 = ___
6 – 2 = ___ 6 – 3 = ___
6 – 4 = ___ 6 – 5 = ___
6 – 6 = ___

### 7 Family

7 – 0 = ___ 7 – 1 = ___
7 – 2 = ___ 7 – 3 = ___
7 – 4 = ___ 7 – 5 = ___
7 – 6 = ___ 7 – 7 = ___

### 8 Family

8 – 0 = ___ 8 – 1 = ___
8 – 2 = ___ 8 – 3 = ___
8 – 4 = ___ 8 – 5 = ___
8 – 6 = ___ 8 – 7 = ___
8 – 8 = ___

### 9 Family

9 – 0 = ___ 9 – 1 = ___
9 – 2 = ___ 9 – 3 = ___
9 – 4 = ___ 9 – 5 = ___
9 – 6 = ___ 9 – 7 = ___
9 – 8 = ___ 9 – 9 = ___

### 10 Family

10 – 0 = ___ 10 – 1 = ___
10 – 2 = ___ 10 – 3 = ___
10 – 4 = ___ 10 – 5 = ___
10 – 6 = ___ 10 – 7 = ___
10 – 8 = ___ 10 – 9 = ___
10 – 10 = ___

## Subtract.

| | | | |
|---|---|---|---|
| 8 − 5 | 9 − 4 | 10 − 6 | 3 − 1 |
| 4 − 4 | 7 − 2 | 8 − 1 | 6 − 3 |
| 5 − 1 | 2 − 1 | 9 − 8 | 5 − 5 |

10 ⊖ 2 =

6 ⊖ 4 =

9 ⊖ 3 =

8 ⊖ 6 =

8 ⊖ 7 =

7 ⊖ 3 =

6 ⊖ 6 =

6 ⊖ 0 =

## Complete the missing numbers in each table.

| | | | | |
|---|---|---|---|---|
| 8 | – | 3 | = | |
| + | | – | | + |
| | + | | = | 2 |
| = | | = | | = |
| 9 | – | | = | |

| | | | | |
|---|---|---|---|---|
| 7 | + | | = | 10 |
| – | | + | | – |
| 2 | – | | = | |
| = | | = | | = |
| | + | 4 | = | |

## Put (+) or (–).

3 ☐ 2 = 5 | 2 ☐ 6 = 8 | 10 ☐ 8 = 2

8 ☐ 2 = 6 | 5 ☐ 4 = 9 | 7 ☐ 3 = 4

9 ☐ 4 = 5 | 10 ☐ 3 = 7 | 5 ☐ 5 = 10

3 ☐ 3 = 0 | 9 ☐ 1 = 10 | 7 ☐ 5 = 2

6 ☐ 3 = 3 | 6 ☐ 4 = 10 | 5 ☐ 2 = 7

5 ☐ 3 = 8 | 2 ☐ 7 = 9 | 0 ☐ 1 = 1

Place a smiley face

Lesson

# 57 to 60

- Numbers from 70 to 100
- Add / Subtract within 20

## Numbers from 70 to 79

| | | | |
|---|---|---|---|
| 70 Seventy | 71 Seventy-one | 72 Seventy-two | 73 Seventy-three |
| 74 Seventy-four | 75 Seventy-five | 76 Seventy-six | 77 Seventy-seven |
| 78 Seventy-eight | 79 Seventy-nine | | |

**Write the numbers from 70 to 79.**

Notes for parents

- Give your child some objects ( cubes-candies-beans- ) their number from 70 to 100 and ask h.m/her to count them and write the number.

# Numbers from 80 to 89

| | | | |
|---|---|---|---|
| 80 Eighty | 81 Eighty-one | 82 Eighty-two | 83 Eighty-three |
| 84 Eighty-four | 85 Eighty-five | 86 Eighty-six | 87 Eighty-seven |
| 88 Eighty-eight | 89 Eighty-nine | | |

## Write the numbers from 80 to 89.

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

- Ask your child to count from 70 up to 89 and write the numbers in order.

## Numbers from 90 to 100

| | | | |
|---|---|---|---|
| 90 Ninety | 91 Ninety-one | 92 Ninety-two | 93 Ninety-three |
| 94 Ninety-four | 95 Ninety-five | 96 Ninety-six | 97 Ninety-seven |
| 98 Ninety-eight | 99 Ninety-nine | 100 One hundred | |

**Write the numbers from 90 to 100.**

Notes for parents

- Ask your child to write numbers from 70 to 100 in a blank paper

## Add / Subtract within 20

**11 + 5**

Start from 11 and make **5 forward** jumps, you will reach 16

**11 + 5 = 16**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

**20 − 2**

Start from 20 and make **2 backward** jumps, you will reach 18

**20 − 2 = 18**

### More Examples

| | | |
|---|---|---|
| 13 + 4 = 17 | 18 − 8 = 10 | 19 − 4 = 15 |
| 8 + 8 = 16 | 12 − 4 = 8 | 8 + 11 = 19 |
| 12 + 7 = 19 | 13 − 6 = 7 | 20 − 10 = 10 |
| 15 + 3 = 18 | 20 − 5 = 15 | 6 + 14 = 20 |

- Ask your child to tell you the sum and the difference between two numbers using the number chart.

# Exercise 25

On Lessons 57 to 60

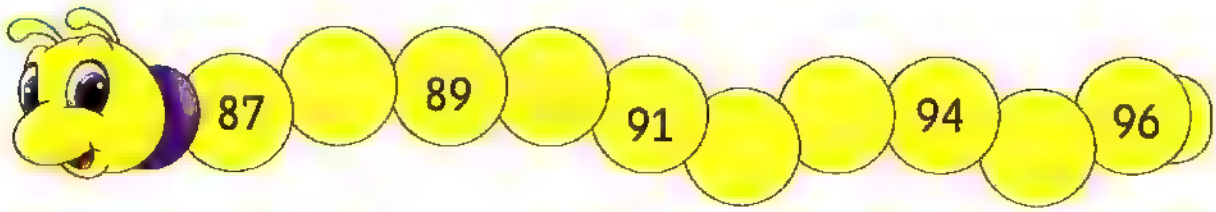
- Numbers from 70 to 100
- Add / Subtract within 20

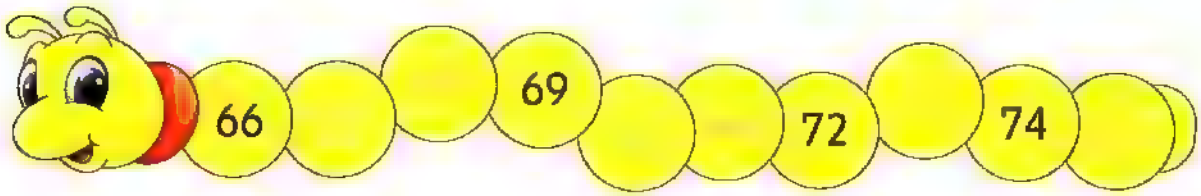
## Numbers up to 100

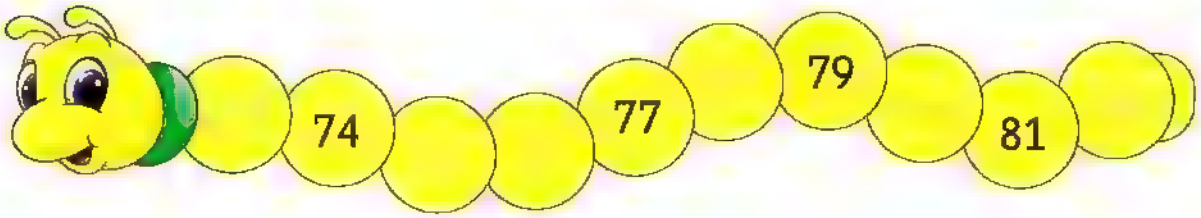
**Complete the missing numbers.**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | | | | | | 8 | | 10 |
| 11 | | | | | | 17 | | 19 | 20 |
| 21 | | | | 25 | | | 28 | | |
| 31 | | | | | 36 | | | | 40 |
| | | 43 | | | | 47 | | | |
| 51 | | | 54 | 55 | | | | 59 | |
| | 62 | | | | 66 | 67 | | | |
| 71 | | 73 | | | | | 78 | | 80 |
| | | | | 85 | | | | 89 | |
| | 92 | | | | 96 | | | | 100 |

## Write the missing numbers.

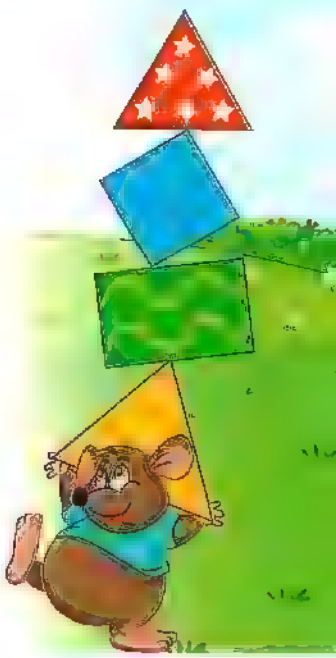



## Choose the correct answer.

- 95 comes just after ____ ( 92 or 94 or 96 )
- 99 comes just before ____ ( 89 or 98 or 100 )
- 89 ☐ 98 ( > or = or < )
- 100 ☐ 97 ( > or = or < )
- ____ comes just before 100 ( 99 or 98 or 97 )
- ____ comes just after 79 ( 78 or 80 or 81 )
- 78 > ____ ( 88 or 68 or 98 )
- 93 < ____ ( 89 or 76 or 94 )



## Join the equal results.

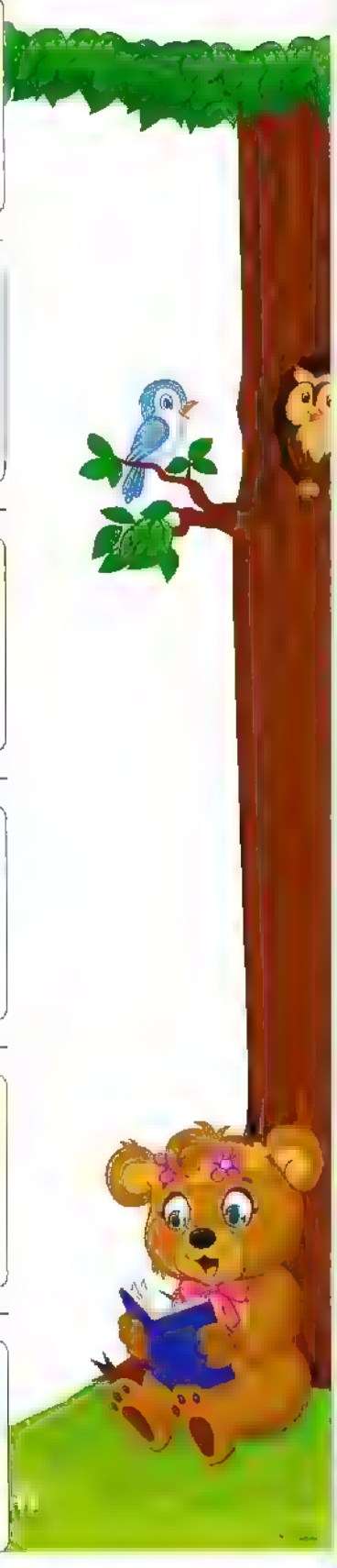
| | | |
|---|---|---|
| 9 – 5 | 13 | 6 + 1 |
| 18 – 1 | 9 | 13 + 4 |
| 16 – 3 | 7 | 3 + 16 |
| 20 – 15 | 5 | 4 + 0 |
| 11 – 2 | 17 | 7 + 4 |
| 10 – 3 | 4 | 8 + 5 |
| 17 – 6 | 19 | 5 + 4 |
| 20 – 1 | 11 | 3 + 2 |

## Use the number chart to find the result.

| | |
|---|---|
| 5 ⊕ 7 = | 13 ⊖ 5 = |
| 19 ⊕ 1 = | 16 ⊖ 6 = |
| 18 ⊕ 2 = | 5 ⊖ 5 = |
| 7 ⊕ 3 = | 12 ⊖ 4 = |
| 11 ⊕ 2 = | 11 ⊖ 10 = |
| 7 ⊕ 11 = | 17 ⊖ 5 = |
| 12 ⊕ 3 = | 20 ⊖ 7 = |
| 10 ⊕ 10 = | 14 ⊖ 3 = |
| 9 ⊕ 5 = | 20 ⊖ 4 = |
| 10 ⊕ 7 = | 15 ⊖ 8 = |

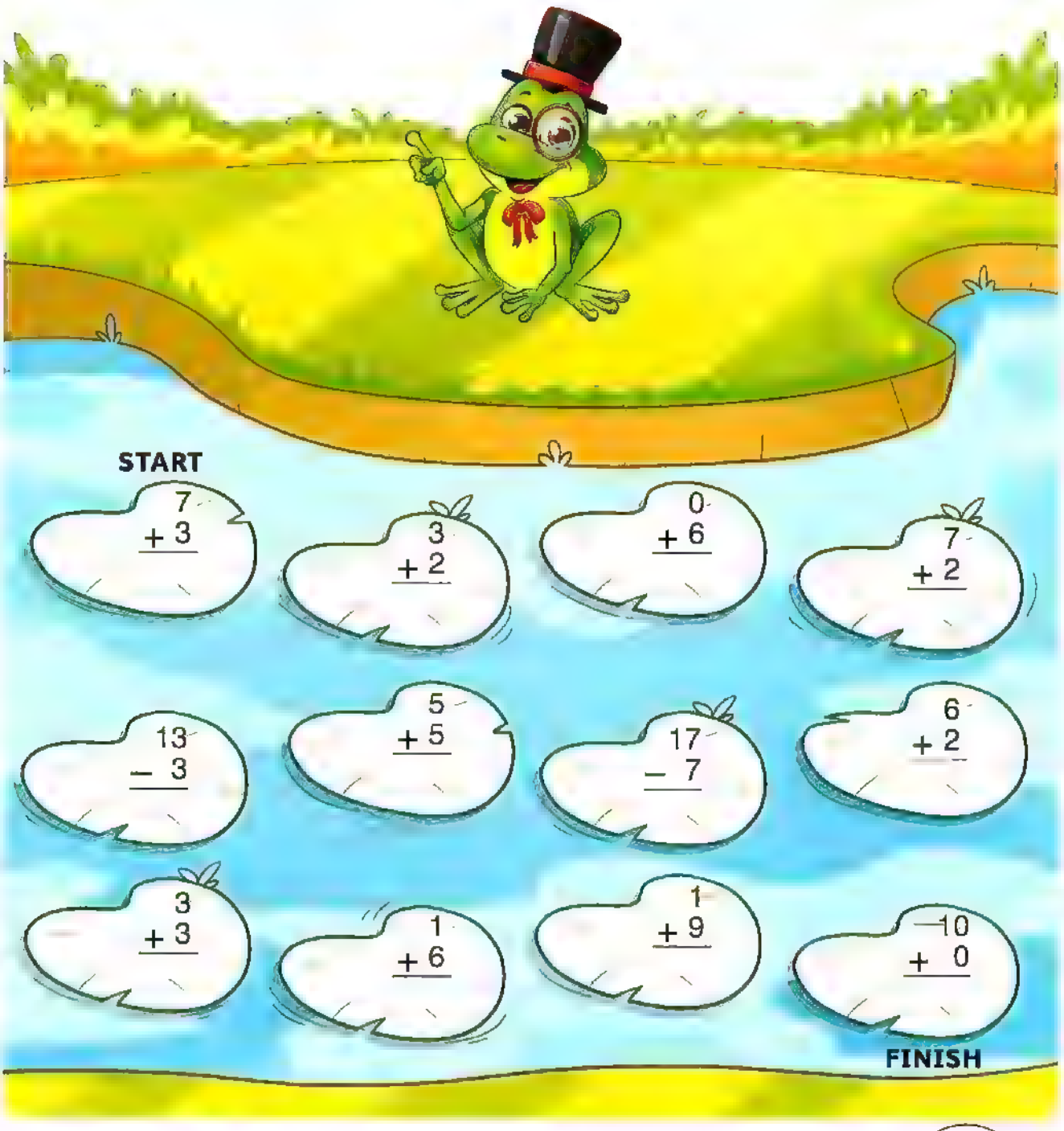
## Add or subtract, then complete using ( < , > or = ).

| | | |
|---|---|---|
| 13 + 2 | ◯ | 19 − 4 |
| 18 − 11 | ◯ | 3 + 5 |
| 10 + 4 | ◯ | 20 − 7 |
| 15 − 8 | ◯ | 12 + 5 |
| 9 + 5 | ◯ | 13 − 8 |
| 19 − 3 | ◯ | 7 + 11 |



Freddy the frog will only hop to lily pads that equal the number 10. Can you find his path from start to finish?

# Leap Frog




Place a smiley face

# Art Corner

Chapter 7

**Connect the dots from 1 to 70, then color the picture according to the small one.**

Start at the ▲. Connect the dots counting by ones to 21.
Start at the ■. Connect the dots counting by tens to 100.

# GLOSSARY

## A

| | |
|---|---|
| A.M. | صباحًا |
| according to | حسب / طبقًا لـ |
| activity | نشاط |
| add | يجمع |
| addition | الجمع |
| after | بعد |
| afternoon | بعد الظهر |
| amount | مقدار |
| analog clock | الساعة ذات العقارب |
| answer | يجيب / إجابة |
| arrange | يرتب |
| ascending | تصاعدى |

## B

| | |
|---|---|
| backward | للخلف |
| bar | عمود |
| bar graph | تمثيل بيانى بالأعمدة |
| before | قبل |
| belong to | ينتمي إلى |
| below | أسفل |
| breakfast | الإفطار |

## C

| | |
|---|---|
| calendar | تقويم |
| chart | مخطط |
| choice | اختيار |
| choose | يختار |
| circle | دائرة / يضع دائرة حول |
| classification | التصنيف |
| classify | يصنف |
| clock | منبه |
| collect | يجمع |
| color | يلون / لون |
| come | يأتى |
| compare | يقارن |
| comparing | مقارنة |
| complete | يكمل |
| components | مكونات |
| correct | صحيح |
| count | يعد |
| counting | العد |
| create | ينشئ |
| cross out | يحذف |

## D

| | |
|---|---|
| data | بيانات |
| day | يوم |
| descending | تنازلى |
| difference | الفرق |
| different | مختلف |
| digit | رقم |
| digital clock | الساعة الرقمية |
| dinner | العشاء |
| discover | يكتشف |
| dot | نقطة |
| draw | يرسم |

## E

| | |
|---|---|
| eight | ثمانية |
| eighteen | ثمانية عشر |
| eighty | ثمانون |
| eleven | أحد عشر |
| equal to | يساوى / مساوٍ لـ |
| example | مثال |
| extra | إضافى |

## F

| | |
|---|---|
| fact family | مجموعة الحقائق |
| fifteen | خمسة عشر |
| fifty | خمسون |
| find | يوجد |
| five | خمسة |
| forty | أربعون |
| forward | للأمام |
| four | أربعة |
| fourteen | أربعة عشر |
| frame | إطار |
| from | من |

## G

| | |
|---|---|
| graph | الرسم البيانى |
| greater | أكبر |
| greatest | الأكبر |
| group | مجموعة |

## H

| | |
|---|---|
| hour | ساعة |
| hour hand | عقرب الساعات |
| hundred | مائة |

## I

| | |
|---|---|
| item | شيء |

## J

| | |
|---|---|
| join | يوصل |
| jump | يقفز |

## L

| | |
|---|---|
| large | كبير |
| lead | يعود إلى |
| least | الأقل |
| left | بقي |
| less | أقل |
| long | طويل |
| lunch | الغداء |

## M

| | |
|---|---|
| make | يكوّن / يجعل |
| match | يوصل |
| maze | متاهة |
| medium | متوسط |
| minus | ناقص [-] |
| minute hand | عقرب الدقائق |
| missing | مفقود / ناقص |
| month | شهر |
| more | أكثر |
| morning | الصباح |
| most | الأكثر / معظم |

## N

| | |
|---|---|
| nine | تسعة |
| nineteen | تسعة عشر |
| ninety | تسعون |
| number | عدد |
| number line | خط الأعداد |

## O

| | |
|---|---|
| one | واحد |
| order | يرتب |
| ordering | ترتيب |

## P

| | |
|---|---|
| P.M. | مساءً |
| pair | زوج |
| pattern | نمط |
| pick | يلتقط |
| picture graph | تمثيل بياني مصور |
| plot | يضع |
| plus | زائد [+] |
| point | يشير إلى / نقطة |
| practice | تدريب |
| problem | مشكلة / مسألة |
| put | يضع |

## R

| | |
|---|---|
| raise | يرفع |
| raised | مرفوع |
| reach | يصل إلي |
| represent | يمثّل / يعرض |
| ring | يحوّط |
| row | صف |

## S

| | |
|---|---|
| same | مماثل |
| scan | يمسح |
| schedule | جدول زمني |
| seven | سبعة |
| seventeen | سبعة عشر |
| seventy | سبعون |
| shape | شكل |
| short | قصير |
| six | ستة |
| sixteen | ستة عشر |
| sixty | ستون |
| size | مقاس |
| skip counting | تجاوز العدد |
| small | صغير |
| solve | يحل |
| space | فراغ |
| square | مربع |
| start | يبدأ |

| | |
|---|---|
| strategy | استراتيجية |
| subtract | يطرح |
| subtraction | الطرح |
| suitable | مناسب |
| sum | مجموع |
| symbol | رمز |

## T

| | |
|---|---|
| table | جدول |
| telling time | قراءة الوقت |
| ten | عشرة |
| thirteen | ثلاثة عشرة |
| thirty | ثلاثون |
| three | ثلاثة |
| today | ليوم |
| together | معًا |
| tomorrow | غدًا |
| to | إلى |
| trace | يتتبع |
| triangle | مثلث |
| try | يحاول |
| twelve | اثنى عشر |
| twenty | عشرون |
| two | اثنان |

## U

| | |
|---|---|
| use | يستخدم |

## W

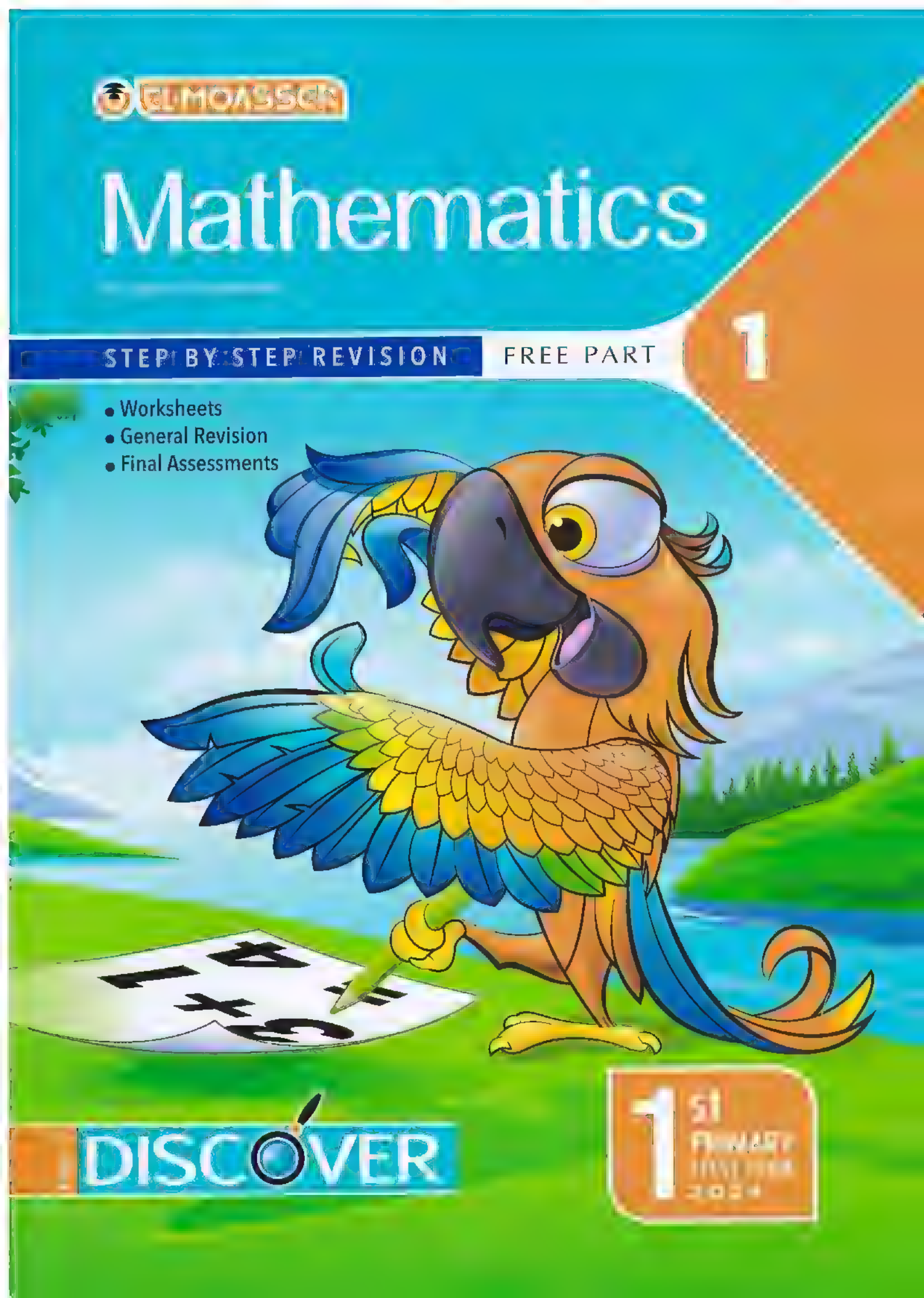
| | |
|---|---|
| wake up | يستيقظ |
| within | حتى |
| write | يكتب |

## Y

| | |
|---|---|
| yesterday | أمس |

## Z

| | |
|---|---|
| zero | الصفر |


EL MOASSER
Mathematics
STEP BY STEP REVISION
FREE PART

• Worksheets
• General Revision
• Final Assessments
DISCOVER

# Index

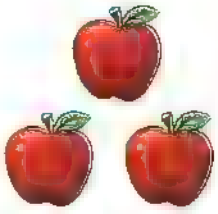
First: Worksheets
Second: General Revision
Third: Final Assessments

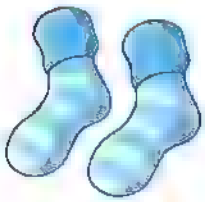
# WORKSHEETS

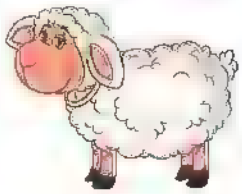
# Sheet 1

On lessons 1&2 - chapter 1

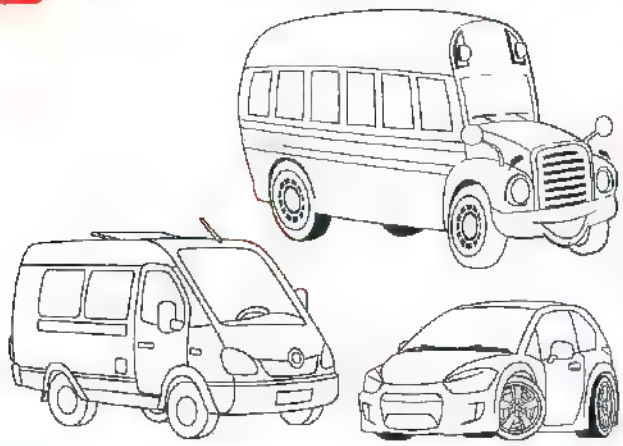
**1** Count. Write the number.





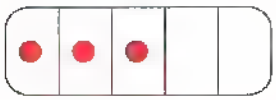


**2** Color the smallest car.



**3** Cross out the animal that is different.

**4** Match.



3

2

1

**5** Color 1 heart in red, 2 stars in yellow and 3 stars in blue.

# Sheet 2

Till lessons 3 to 6 - chapter 1

**1** Circle the correct number on the number line.

One less than 2

One more than 3

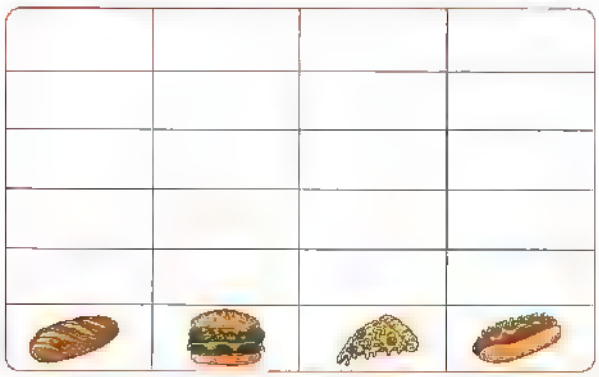
**2** Write the numbers in digits.

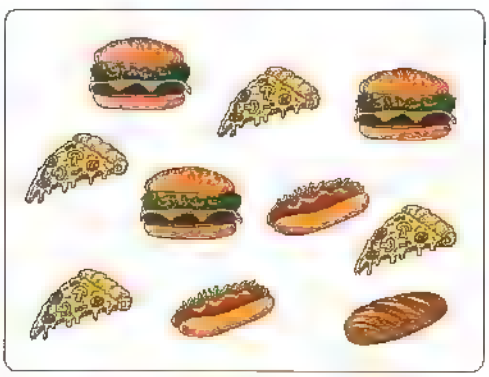
| | | | | |
|---|---|---|---|---|
| Two | Four | Five | One | Three |

**3** Match.

5 4 3 2 1

**4** Color to show how many of each item.





- Circle which item there is the most of.

- The number of =

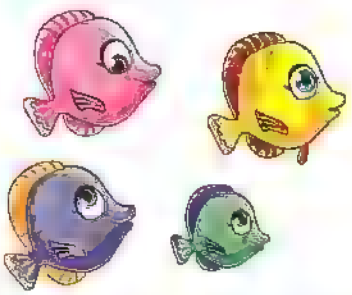
# Sheet 3

Till lessons 7 to 10 - chapter 1

**1** Count the flowers. Write the number.

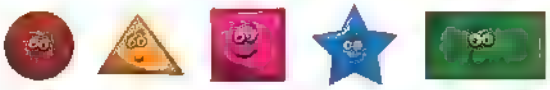
**2** Circle the animals which have 4 legs.

**3** Circle the fish that has a different size.



**4** Color to show how many of each item.

- Circle which item there is the least of.



- The number of = _____

# Assessment

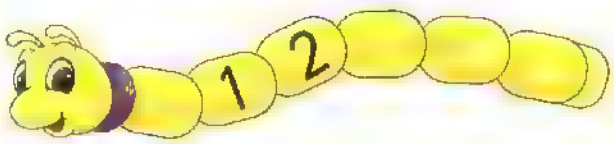
Chapter 1

**1** Count. Match.

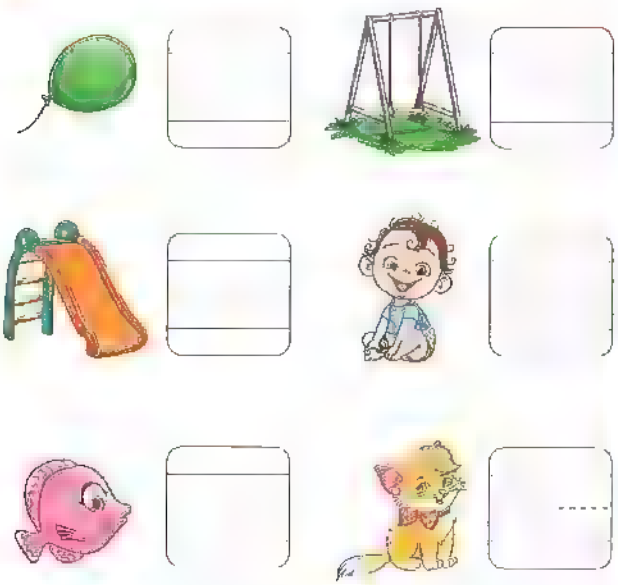
0 1 2 3 4 5

**2** Circle the flower that has a different size.

**3** Complete.



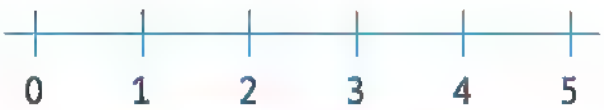

**4** Count. Write the number.



**5** Cross out the animal that is different.

**6** Circle the correct number on the number line.

One more than 1

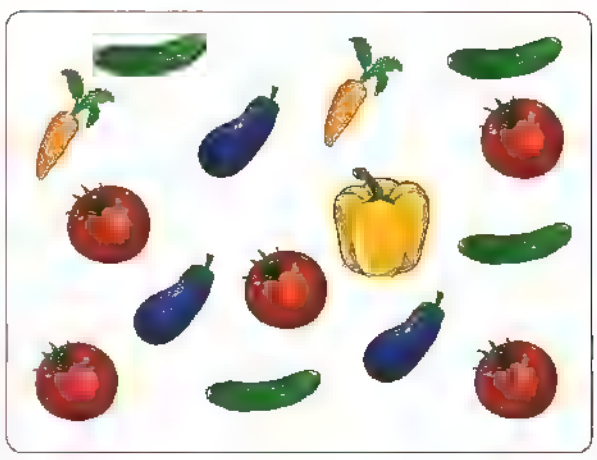



One less than 3

**7** Draw ● to show the number in five frame.

| | | | | | |
|---|---|---|---|---|---|
| 3 | | 5 | | 4 | |
| 2 | | 0 | | 1 | |

**8** Color to show how many of each item.

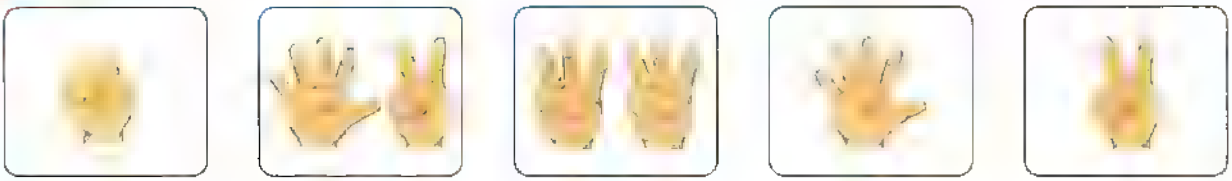


• Circle which item there is the least of.

# Sheet 4

**Till lessons 11&12 - chapter 2**

**1** Match.

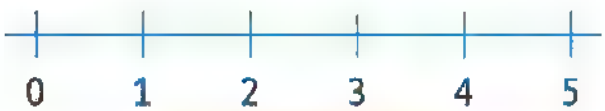


6 7 0 Two Five

**2** Cancel 1 item in each group. Write the number of the left items.

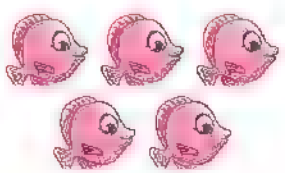
**3** Circle the correct number on the number line.

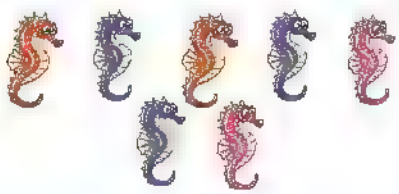
One more than 4




One less than 1

**4** Count. Write the number.

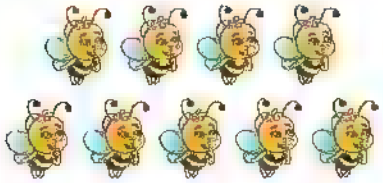


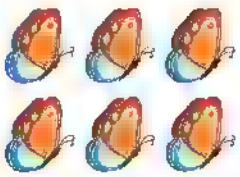


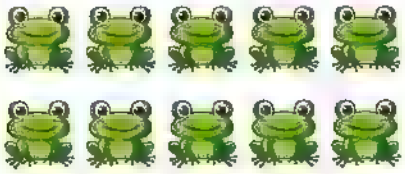
# Sheet 5

Till lessons 13 to 16 - chapter 2

## 1 Count. Write the number.



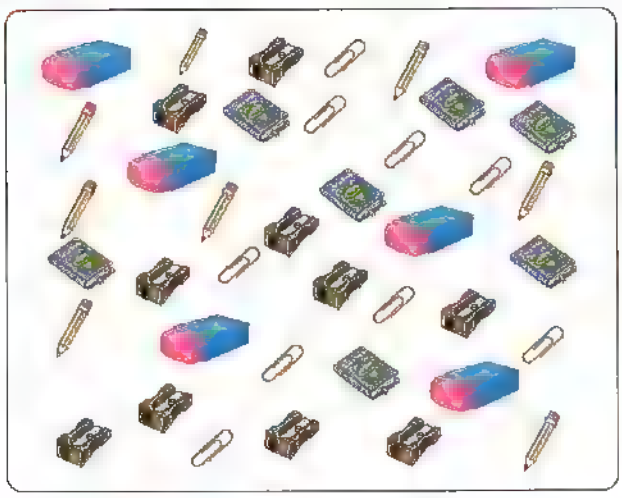


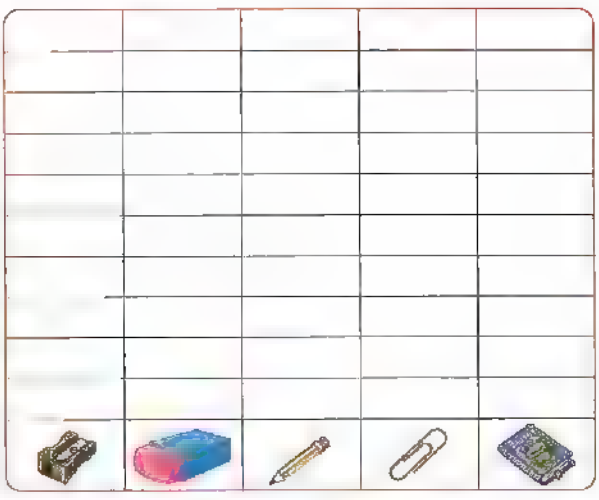


## 2 Write the number.

| | | | | | |
|---|---|---|---|---|---|
| Ten | Six | Nine | Four | Eight | Seven |

## 3 Color to show how many of each item.





- Circle which item there is the most of.

# Sheet 6

**Till lessons 17&18 - chapter 2**

## 1 Choose the correct number.

- 7 is 1 more than _____

8 5 6

- 3 is 1 less than _____

2 4 5

- _____ comes just after 4

3 6 5

- _____ comes just before 9

8 7 10

## 2 Circle the animals which have 2 legs.

## 3 Write (✓) to the correct statement and (✗) to the incorrect statement.

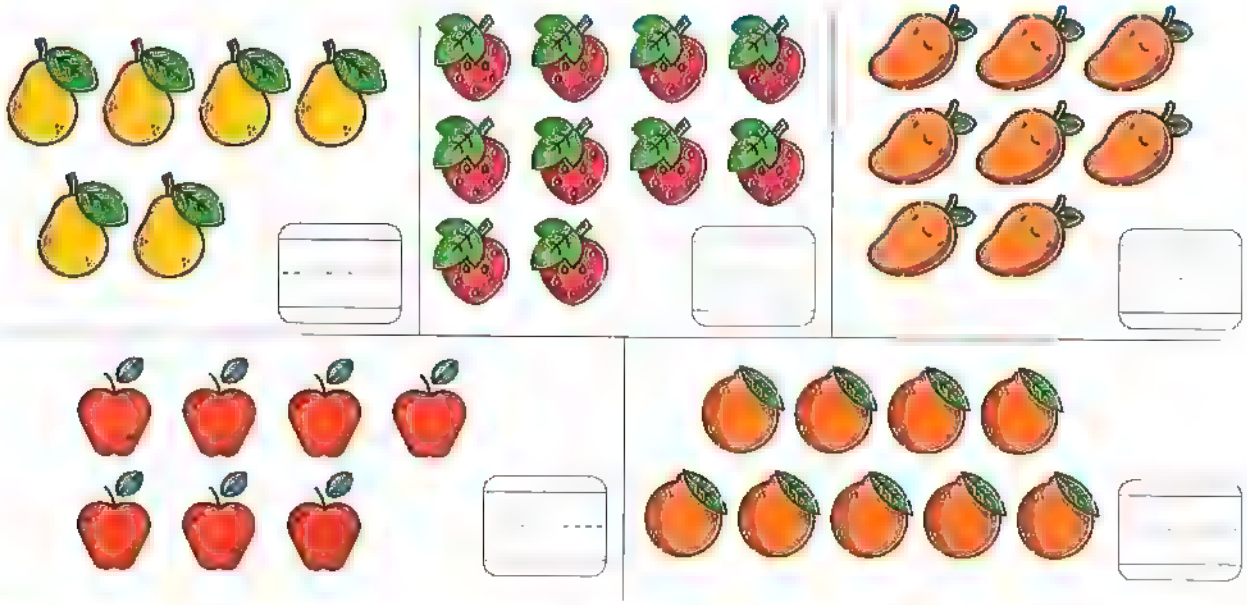
- 4 is 1 more than 3 ( )
- 5 is 1 less than 4 ( )
- 6 comes just after 7 ( )
- 8 comes just before 9 ( )
- The number of dots in ⁘ is 9 ( )

## 4 Write the missing numbers.

| | | | | | | |
|---|---|---|---|---|---|---|
| 2 | | | 5 | | | 7 |
| | 6 | 7 | | | | 10 |
| | 1 | | | 4 | | |
| | 6 | | 8 | | | |

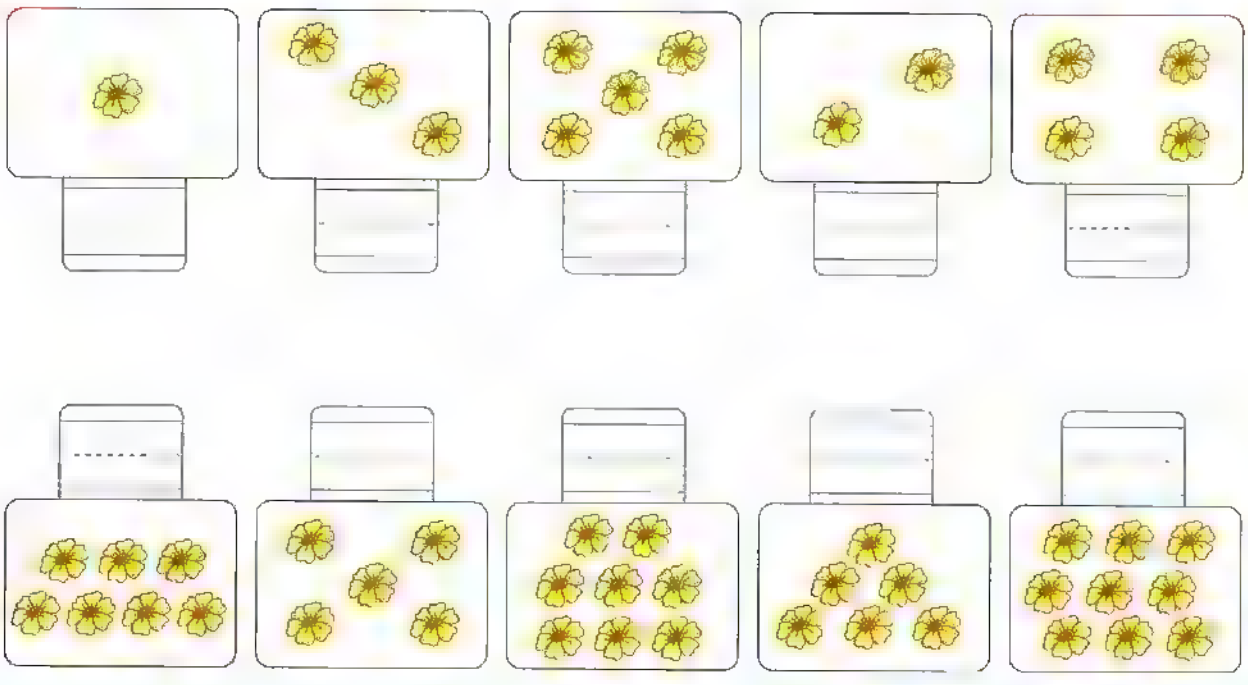
# Assessment | Chapter 2

**1** Count. Write the number.



**2** Write the number that is 1 less than the written number.

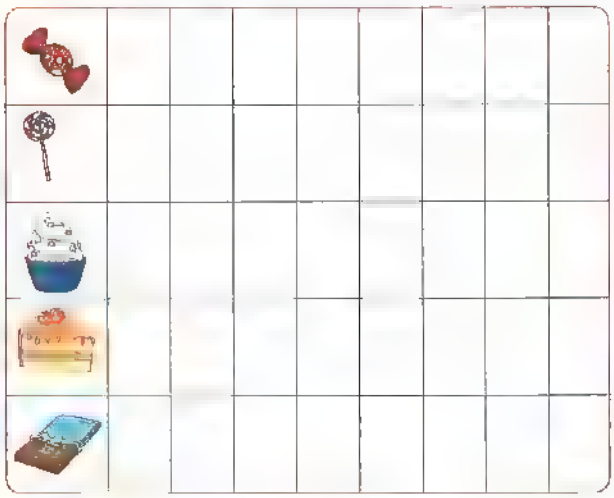
**3** Count. Write the number of flowers. Join to get 10.

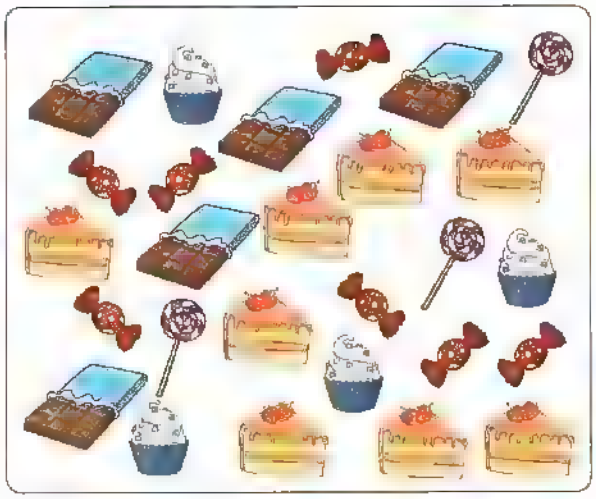


## 4 Complete with a suitable number.

| | | | | | |
|---|---|---|---|---|---|
| ☐ | comes just after | 8 | ☐ | comes just before | 3 |
| ☐ | comes just after | 0 | ☐ | comes just before | 10 |
| ☐ | comes just after | 5 | ☐ | comes just before | 7 |

## 5 Color one box for each item to show how many of each item.





- Answer the questions.

  - How many are there? ☐

  - How many are there? ☐

  - How many are there? ☐

- Circle the item that shows the most.

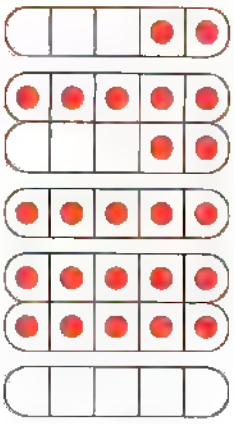
## 6 Write the number that is 1 more than the written number.

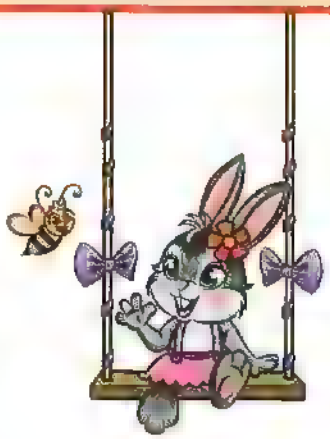
| | | | |
|---|---|---|---|
| 8 ☐ | 3 ☐ | 6 ☐ | 9 ☐ |

# Accumulative Assessment

Till Chapter 2

## 1 Join.

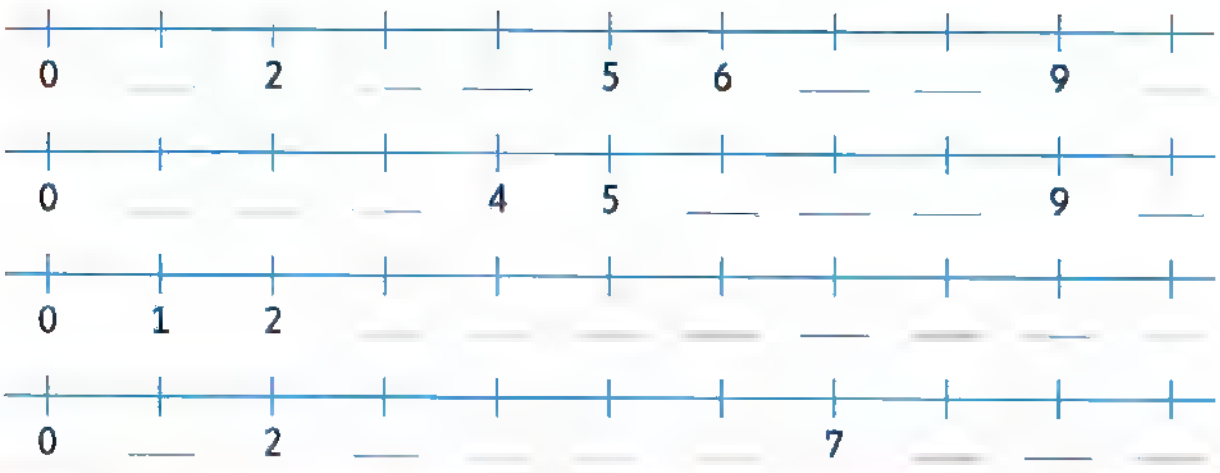
| | | |
|---|---|---|
| 5 |  | Zero |
| 7 | | Two |
| 2 | | Five |
| 0 | | Seven |
| 10 | | Ten |



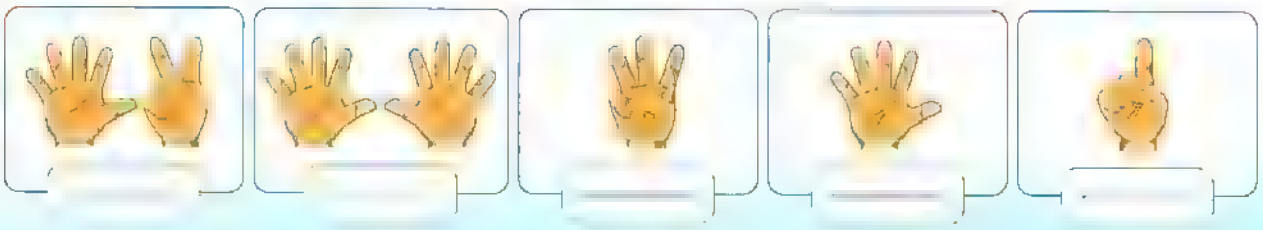
## 2 Complete.

- 7 is 1 less than _____
- 10 comes just after _____
- _____ is 1 more than 9
- _____ comes just after 6
- 3 is 1 more than _____
- 8 comes just before _____
- _____ is 1 less than 5
- _____ comes just before 8

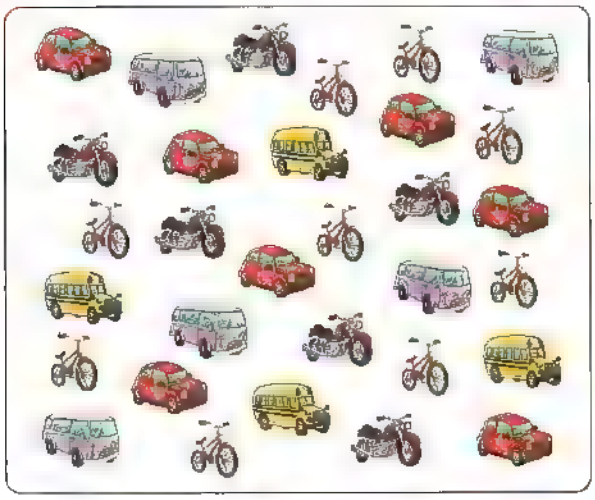
## 3 Write the missing numbers on each number line.

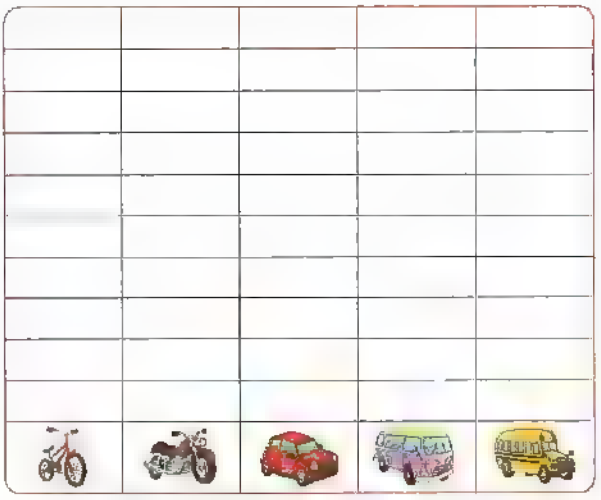



## 4 Write the number of raised fingers.



## 5 Color one box for each item to show how many of each item.





- **Answer the questions.**

  - How many are there? ☐
  - How many are there? ☐
  - How many are there? ☐

- **Circle the item that shows the least.**

## 6 Circle the correct number on the number line.

- One less than 3

- One more than 6

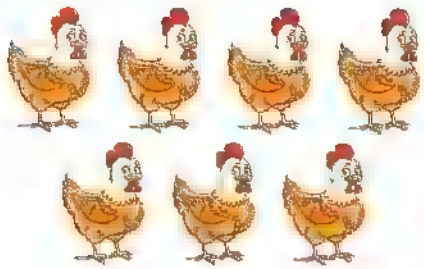
- One less than 7

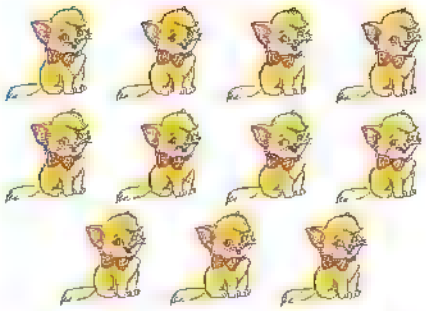
- One more than 8

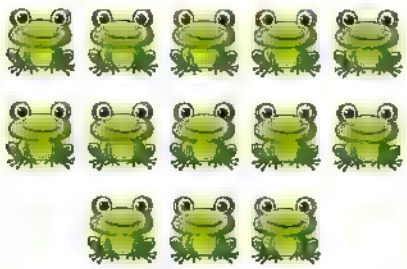
# Sheet 7

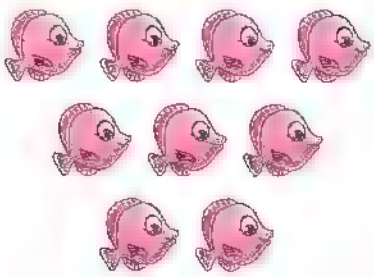
## Till lessons 19&20 - chapter 3

**1** Count. Write the number.





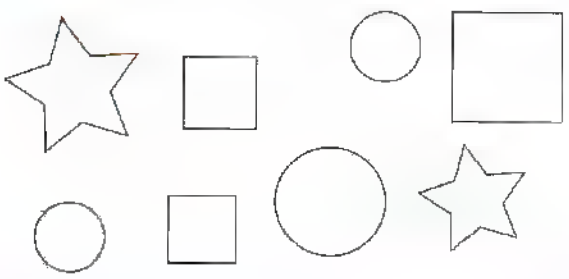




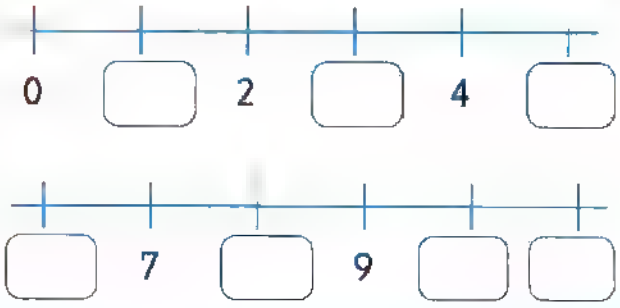
**2** Choose the correct answer.

- 6 is greater than _____ (7 or 6 or 5)
- 5 is less than _____ (6 or 5 or 4)
- _____ is greater than 8 (6 or 7 or 10)
- _____ is less than 9 (7 or 9 or 13)
- _____ comes just after 11 (10 or 11 or 12)
- _____ comes just before 12 (11 or 12 or 13)

**3** Color the same figures with the same color.



**4** Complete the missing numbers on each number line.



# Sheet 8

**Till lessons 21&22 - chapter 3**

**1 Write the number that comes just after.**

9 ____ 7 ____

11 ____ 4 ____

**2 Put the numbers in their correct place.**

2 12

____ is greater than ____

10 7

____ is less than ____

**3 Arrange in an ascending order.**

7 , 3 , 11 , 10 , 15

The order is : ___ , ___ , ___ , ___ , ___

12 , 0 , 5 , 14 , 9

The order is : ___ , ___ , ___ , ___ , ___

**4 Arrange in a descending order.**

14 , 4 , 15 , 8 , 7

The order is : ___ , ___ , ___ , ___ , ___

6 , 10 , 13 , 3 , 9

The order is : ___ , ___ , ___ , ___ , ___

**5 Count, write the number.**

____

____

**6 Count, choose the correct number.**

Twelve Thirteen Fourteen

Twelve Eleven Ten

# Sheet 9

Till lessons 23&24 - chapter 3

**1** Put ">,< or =".

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 12 | ☐ | 2 | 9 | ☐ | 14 | 13 | ☐ | 13 |
| zero | ☐ | fifteen | eight | ☐ | eight | eleven | ☐ | seven |

**2** Draw ● according to the number.

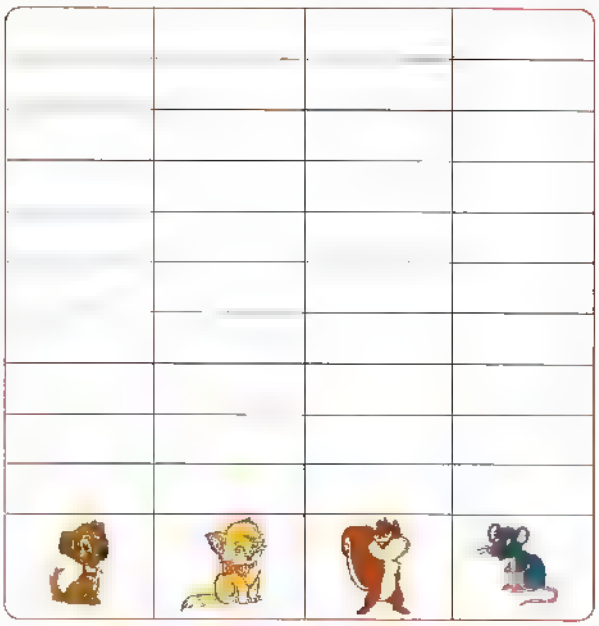
| Nine | 14 |
|---|---|
| | |

**3** Arrange in an ascending order.

12 , 3 , 15 , 10 , 14

The order is : ___ , , , ,

**4** Color one box for each to show the number of each animal.

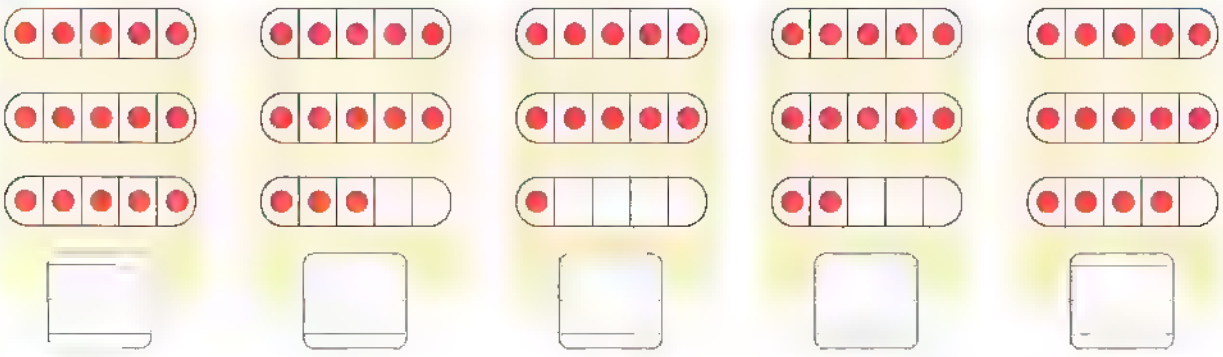


- Circle which animal there is the most of.

- The number of ☐ The number of (> or = or <)

# Assessment | Chapter 3

**1** Count the number of dots in five frames. Write the number.



**2** Put the numbers in their correct places.

1 and 5

☐ is greater than ☐

7 and 8

☐ is less than ☐

11 and 9

☐ is greater than ☐

10 and 17

☐ is less than ☐

13 and 15

☐ is greater than ☐

12 and 6

☐ is less than ☐

**3** Write the missing numbers of each.

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | 6 | ☐ | ☐ | 9 | 10 | ☐ |
| ☐ | 1 | 2 | ☐ | ☐ | 5 | ☐ |
| ☐ | 10 | ☐ | 12 | 13 | ☐ | ☐ |
| 7 | ☐ | ☐ | ☐ | 11 | 12 | ☐ |

## 4 Put ">,< or =".

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 12 | ☐ | 10 | 11 | ☐ | 13 | 12 | ☐ | 2 |
| eight | ☐ | 8 | seven | ☐ | 7 | 1 | ☐ | ten |
| nine | ☐ | zero | one | ☐ | two | four | ☐ | six |

## 5 Arrange from least to greatest.

7 , 11 , 6 , 5 , 15

The order is : , , , ,

1 , 11 , 10 , 0 , 8

The order is : ___ , ___ , ___ , ___ , ___

## 6 Arrange in a descending order.

9 , 8 , 13 , 7 , 14

The order is : , , , ,

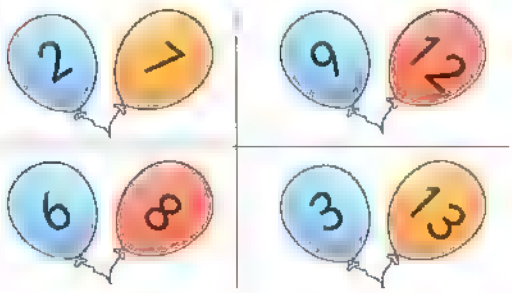
6 , 12 , 4 , 0 , 15

The order is : ___ , ___ , ___ , ___ ,

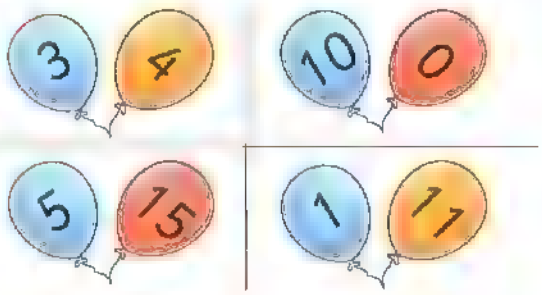
## 7 Write the suitable number.

- 12 is greater than ___
- 11 is equal to ___
- 15 > ___
- 9 is less than ___
- 8 < ___
- 10 = ___

## 8 Circle the greater number.




## 9 Circle the smaller number.




## 10 Complete with a suitable number.

6 > ☐ ☐ = 13 7 < ☐

☐ > 11 9 = ☐ ☐ < 15

# Accumulative Assessment

Till Chapter 3

**1** Write the number.

| Seven | Fifteen | Fourteen | Zero | Nine |
|---|---|---|---|---|
| ____ | ____ | ____ | ____ | ____ |

**2** Write (✓) to the correct statement and (✗) to the incorrect statement.

- 15 > 10 ( )
- Ten = 11 ( )
- 11 < 9 ( )
- 15 is equal to fourteen ( )

**3** Complete.

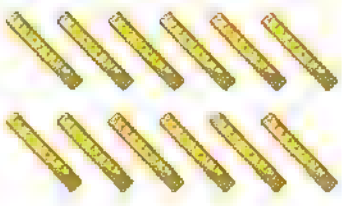
- 10 is 1 less than _____
- _____ comes just after 8
- 11 is greater than
- 12 is 1 more than _____
- _____ comes just before 9
- _____ is less than 13

**4** Circle the correct number on the number line.

- One less than 10

- One more than 7

**5** Count and write the number.



**6** Arrange in a descending order.

5 , 9 , 8 , 15 , 7

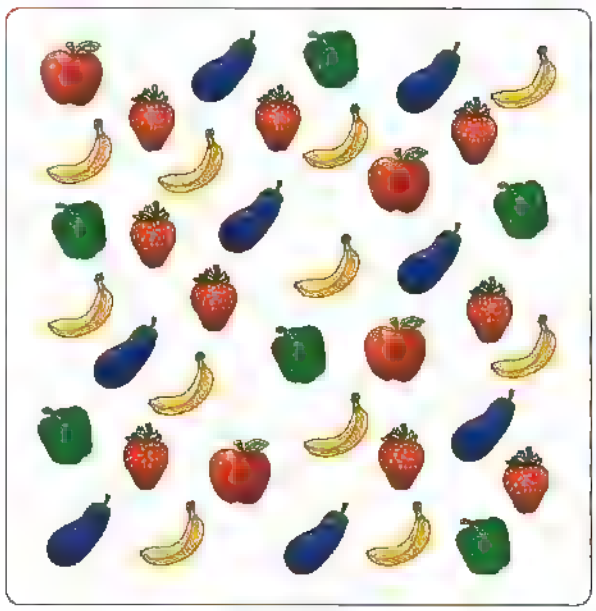
The order is : ____ , ____ , ____ , ____ , ____

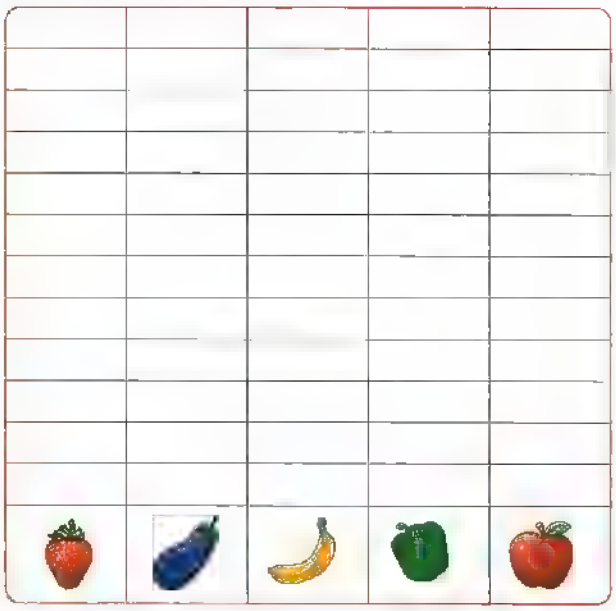
**7** Arrange in an ascending order.

10 , 13 , 1 , 9 , 14

The order is : ____ , ____ , ____ , ____ , ____

**8** Color one box for each item to show how many.





- How many are there ? _____
- How many are there ? _____
- How many are there ? _____
- How many are there ? _____
- Circle the item that shows the most.

**9** Ring each number that is greater than 10.

9 13 7 11 2

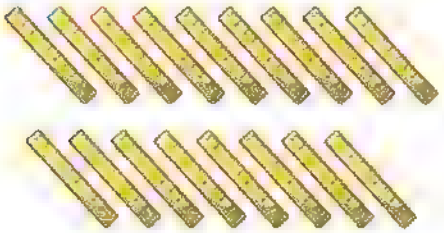
**10** Ring each number that is less than 6.

3 0 7 5 8 9 6

# Sheet 10

Till lessons 25&26 - chapter 4

## 1 Count. Write the number.



## 2 Circle the correct number on the number line.

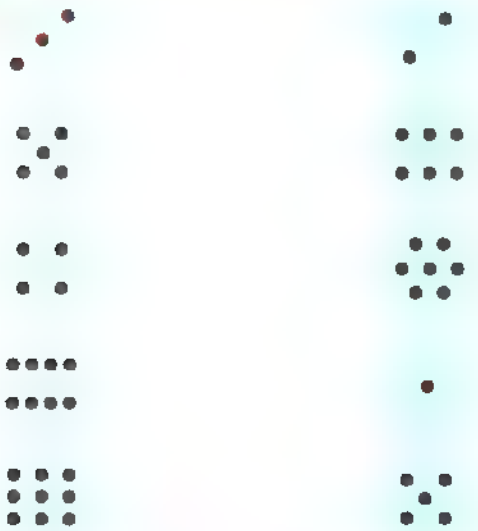
One more than 0

## 3 Arrange in a descending order.

15 , 14 , 17 , 16 , 6

The order is : ___ , ___ , ___ , ___ , ___

## 4 Count, match to get 10.



## 5 Complete with a suitable number.

7 > ☐

☐ < 14

10 = ☐

☐ > 16

# Sheet 11

Till lesson 27 - chapter 4

**1** Plot dots in ten frames to represent the numbers.

15

12

17

**2** Write the number.

Fifteen

Twelve

Seventeen

Sixteen

Fourteen

Thirteen

**3** Write the number which comes just after.

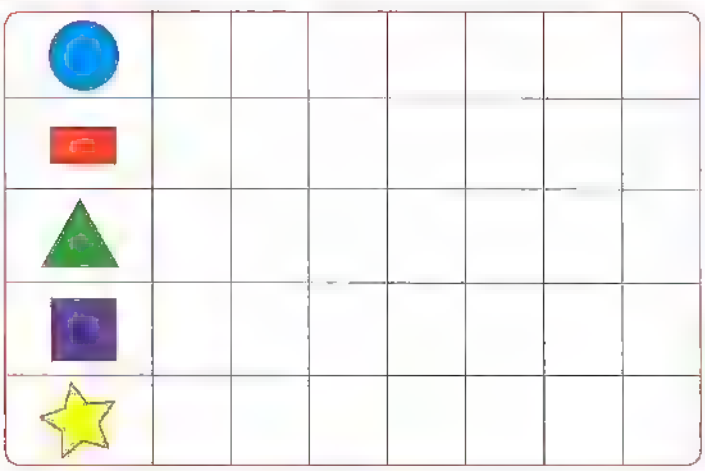
10 .....

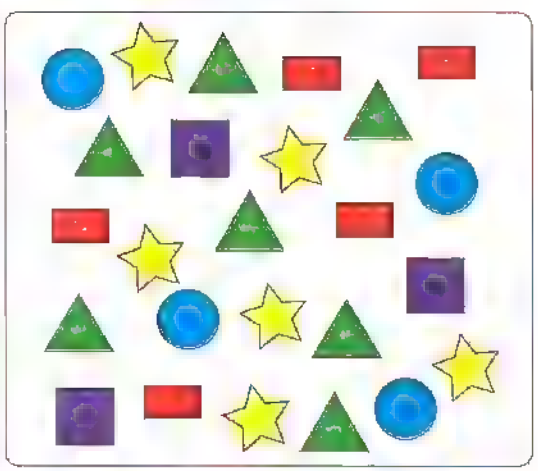
4 .....

8 .....

17 .....

**4** Use the following picture to complete the picture graph.





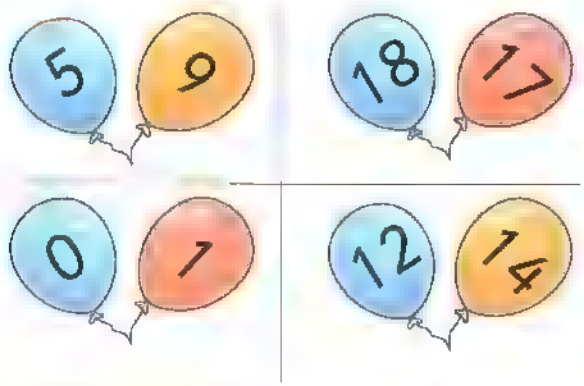
- Put ">, < or =".

- The number of ☆ ☐ The number of ●
- The number of ● ☐ The number of ▬
- The number of ▲ ☐ The number of ■

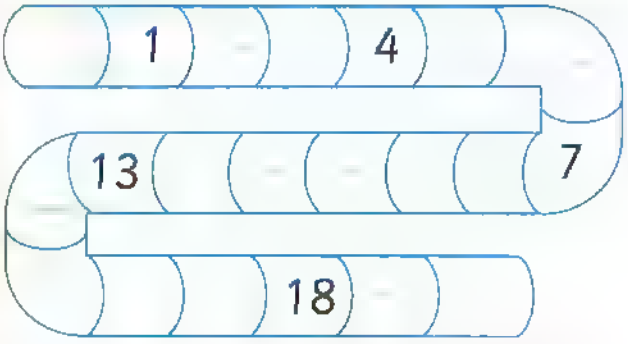
# Sheet 12

Till lessons 28&29 - chapter 4

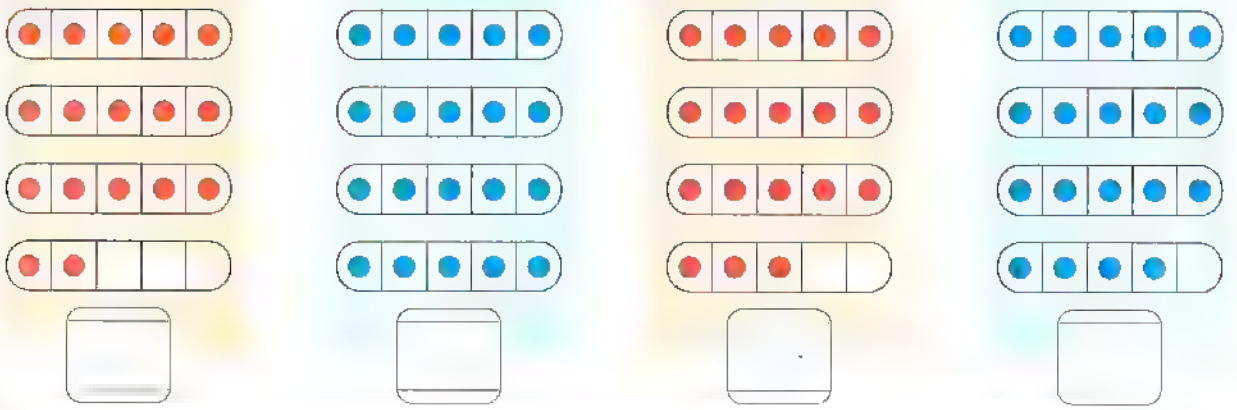
**1** Circle the smaller number.




**2** Complete the missing numbers.




**3** Count the dots in five frames. Write the number.



**4** Write (✓) to the correct statement and (✗) to the incorrect statement.

- 20 comes just after 18 ( )
- 18 comes just before 19 ( )
- Thirteen = 18 ( )
- 17 is 1 less than 18 ( )
- Ten > 20 ( )

**5** Choose the correct answer.

| | | |
|---|---|---|
| 13 | ○ is greater than<br>○ is less than<br>○ is equal to | 12 |
| 15 | ○ is greater than<br>○ is less than<br>○ is equal to | 15 |
| 17 | ○ is greater than<br>○ is less than<br>○ is equal to | 20 |
| 19 | ○ is greater than<br>○ is less than<br>○ is equal to | 11 |

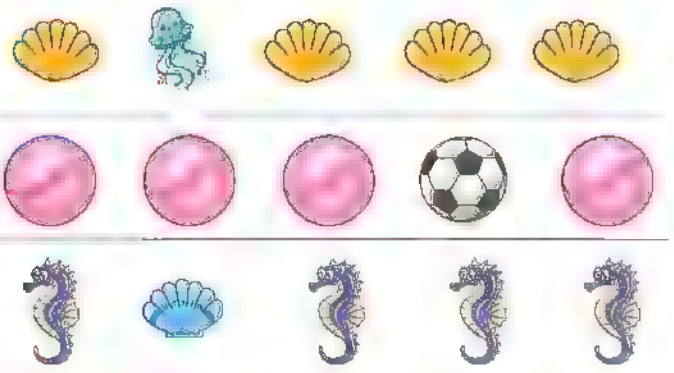
# Sheet 13

Till lesson 30 - chapter 4

**1** Put ">,< or =".

| | | |
|---|---|---|
| 20 | ☐ | Nineteen |
| 15 | ☐ | Five |
| 18 | ☐ | Eighteen |
| 12 | ☐ | Fourteen |

**2** Circle the picture that is different.



**3** Ring each number that is greater than 12.

11 13 9 14 17 10

**4** Circle the correct number on the number line.

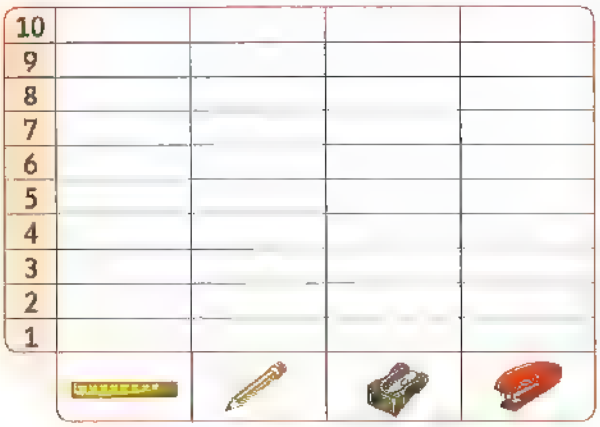
One more than 2

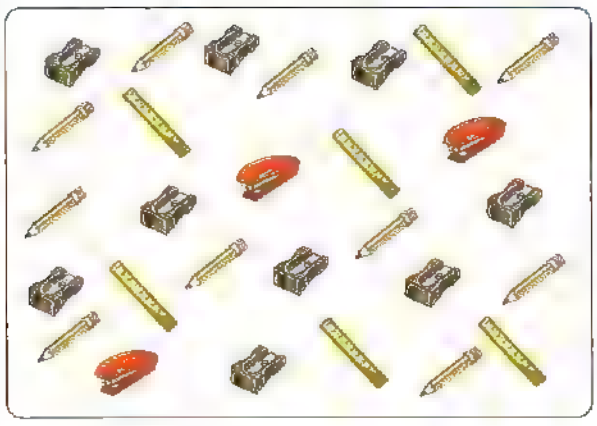
**5** Arrange in an ascending order.

13 , 20 , 19 , 7 , 17

The order is : , , , ,

**6** Color according to the number of each item in the picture.



- Circle which item there is the most of.

# Assessment

Chapter 4

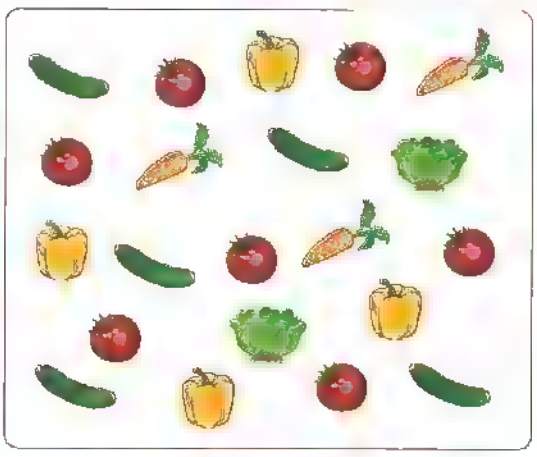
**1** Plot dots in five frames to represent the numbers.

| 17 | 19 | 16 | 20 | 18 |
|---|---|---|---|---|

**2** Write the number that comes just after.

| | | |
|---|---|---|
| 17 | 12 | 16 |
| Nineteen | Thirteen | Eighteen |

**3** Use the following picture to complete the picture graph.



- Put ">, < or =".

- The number of ☐ The number of
- The number of ☐ The number of
- The number of ☐ The number of

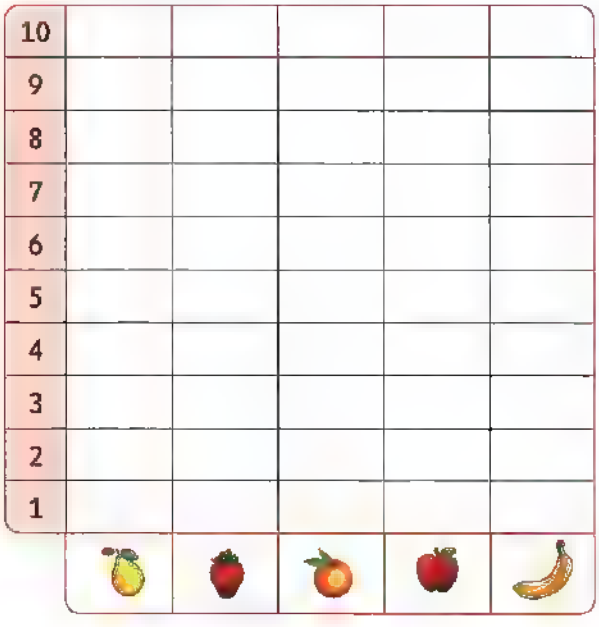
## 4 Write the number that comes just before.

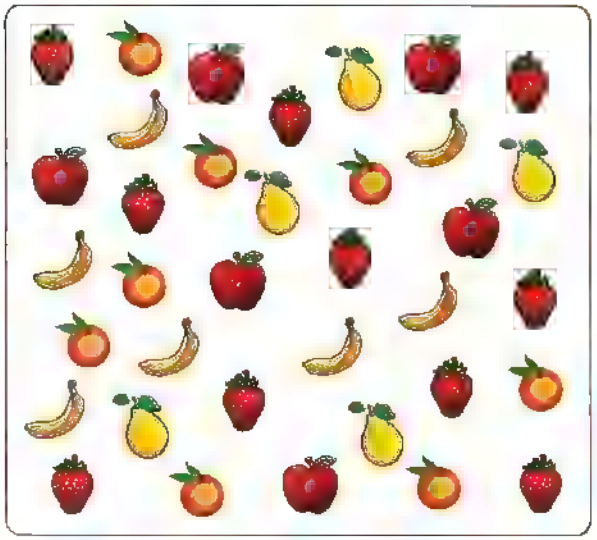
| | | |
|---|---|---|
| ☐ 15 | ☐ 17 | ☐ 20 |
| ☐ 10 | ☐ 14 | ☐ 12 |

## 5 Put ">,< or =".

| | | |
|---|---|---|
| 12 ☐ 14 | 15 ☐ 13 | 20 ☐ 20 |
| nineteen ☐ eighteen | ten ☐ eleven | seventeen ☐ sixteen |

## 6 Color according to the number of each item in the picture.

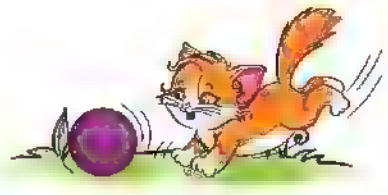


- **Circle the correct answer.**

  - The most number is of ( or or )

  - The least number is of ( or or )



# Accumulative Assessment

Till Chapter 4

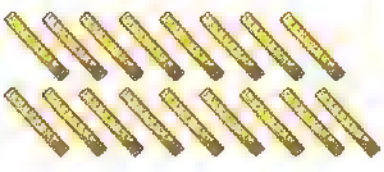
**1** Choose the correct answer.

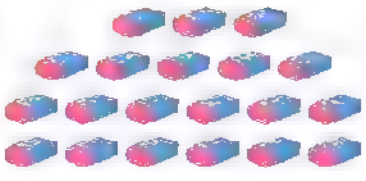
- 16 > _____ (15 or 16 or 17)
- 15 comes just after _____ (10 or 14 or 20)
- _____ is 1 less than 18 (17 or 18 or 19)
- 18 ☐ 19 (> or = or <)
- The number just after 13 ☐ The number just before 15 (> or = or <)

**2** Write (✓) to the correct statement and (✗) to the incorrect statement.

- 5 is 1 more than 6 ( )
- 14 in letters is fourteen. ( )
- 18 comes just before 20 ( )
- 16 is 1 less than 17 ( )
- 20 > 10 ( )
- 9 < 10 ( )

**3** Count. Write the correct number.





**4** Arrange in an ascending order.

15 , 11 , 19 , 9 , 17 , 13

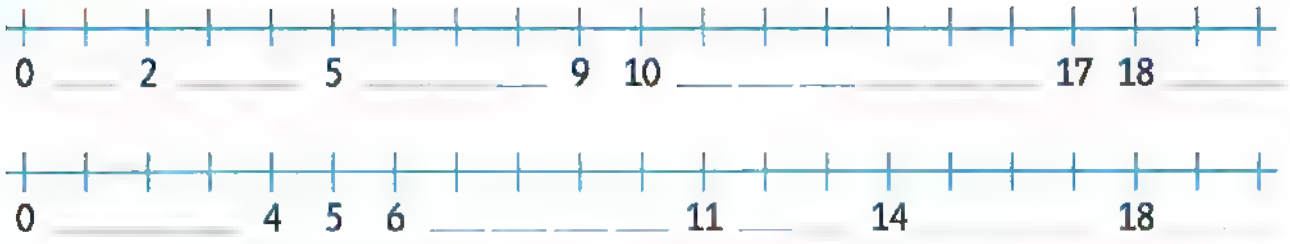
The order is : _____ , _____ , _____ , _____ , _____ , _____

**5** Arrange in a descending order.

18 , 1 , 5 , 11 , 16 , 14

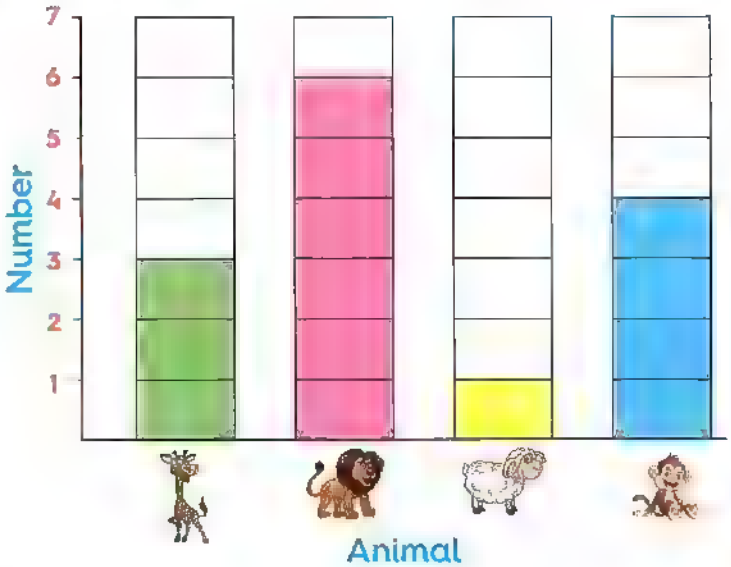
The order is : _____ , _____ , _____ , _____ , _____ , _____

**6** Complete each of the folowing number lines.




**7** Notice the graph and complete the table.

| Animal | Number |
|---|---|
| | |
| | |
| | |
| | |




- **Complete.**

- The number of is ☐ | - The number of is ☐

- **Circle the correct answer.**

- The most number is of ( or or )

- The least number is of ( or or )

**8** Ring each number that is less than 16.

12 14 17 18 19 8 0

**9** Ring each number that is greater than 14.

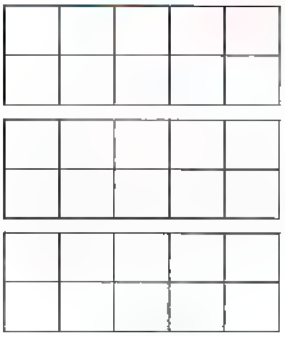
16 7 9 18 19 8 10 11 20

# Sheet 14

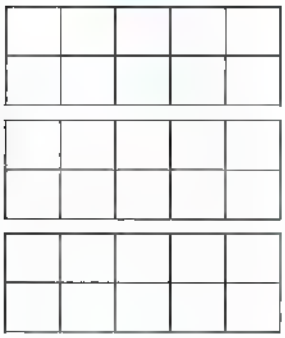
Till lessons 31&32 - chapter 5

**1** Plot dots in ten frames to represent the number.

23



21



**2** Write the number.

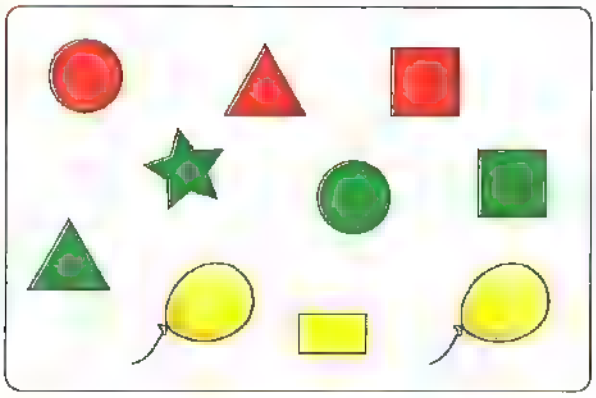
Twenty-two

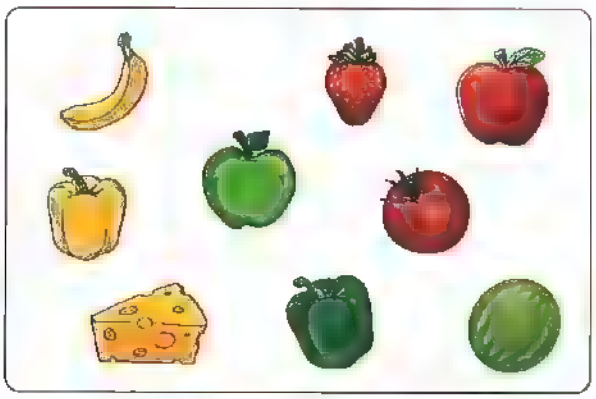
Twenty-four

Twenty-three

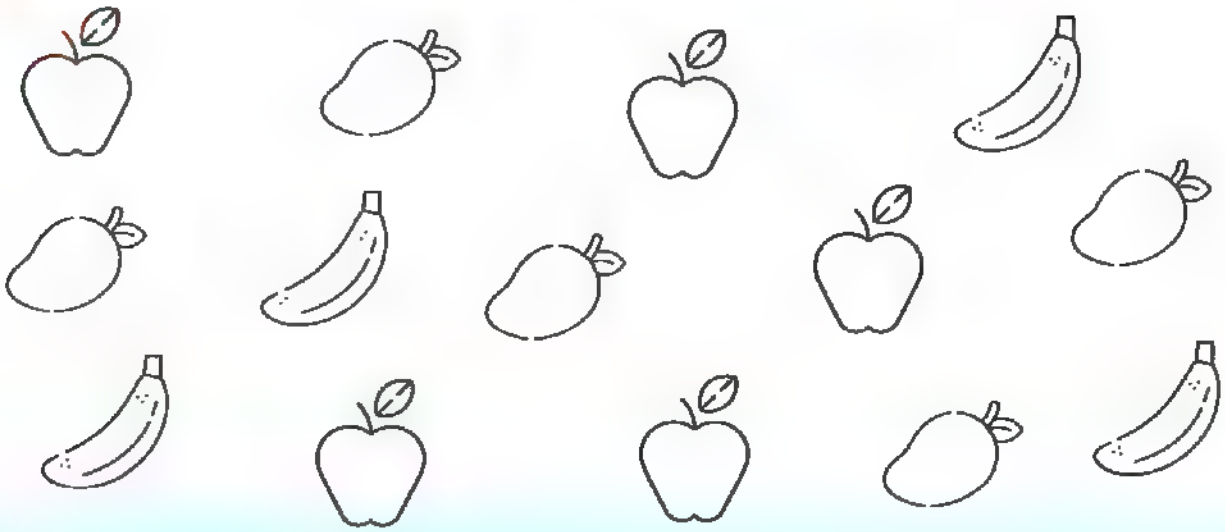
Twenty-one

**3** Circle the group of the same color.





**4** Color the similar objects with the same color.



## 5 Add.

| | | | | |
|---|---|---|---|---|
| 3 + 5 = | 2 + 4 = | 2 + 7 = | 5 + 5 = | 7 + 1 = |

6 + 3 = 1 + 6 =

1 + 9 = 4 + 3 =

## 6 Write ( > or < or = ).

| | | |
|---|---|---|
| 24 ☐ 20 | 19 ☐ 23 | 21 ☐ 24 |
| 9 ☐ 21 | Twenty-four ☐ Fourteen | Twenty-one ☐ 16 |

## 7 Circle each number that is less than 15.

16 4 12 24 9 1

# Sheet 15

Till lessons 33&34 - chapter 5

**1** Count. Choose the correct answer.

21

23

25

19

20

21

**2** Count. Write the number.

**3** Put " >,< or = ".

| | | |
|---|---|---|
| 23 | ☐ | 26 |
| Twenty-five | ☐ | 25 |
| 12 | ☐ | 26 |
| Twenty-seven | ☐ | 19 |
| Six | ☐ | Twenty-six |

**4** Add. Write the sum.

2 + 5 = _____

4 + 3 = _____

| | | | |
|---|---|---|---|
| 7 | 8 | 5 | 3 |
| + 1 | + 0 | + 5 | + 6 |
| _____ | _____ | _____ | _____ |

**5** Rami has 5 red balloons and Youssef has 4 yellow balloons.

**How many balloons do they both have ?**

They have = ☐ + ☐ = ☐ balloons.

**6** Shady has 6 pounds. His sister has 2 pounds. How much money do they have ?

What they both have = _____ + _____ = _____ pounds.

# Sheet 16

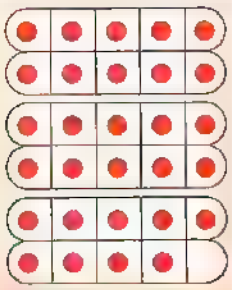
Till lessons 35&36 - chapter 5

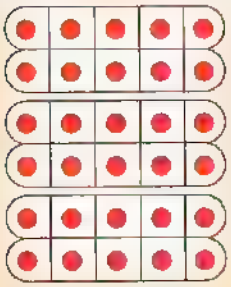
**1** Write a suitable number.

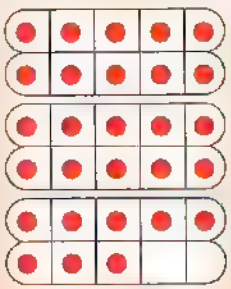
29 < ☐ 26 = ☐ ☐ > 14

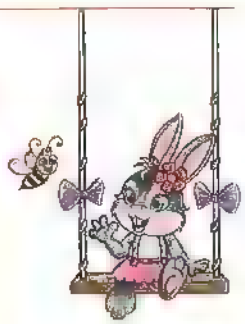
Twenty-eight > ☐ ☐ = Seventeen ☐ < Twenty-nine

**2** Write the number of dots.







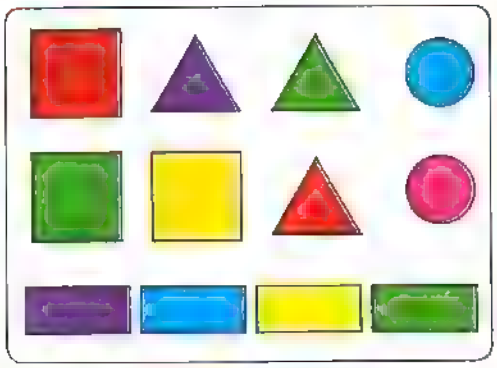


**3** Arrange in an ascending order.

27 , 14 , 28 , 21 , 30 , 24

The order is : ____ , ____ , ____ , ____ , ____ , ____

**4** Circle the objects having the same shape.



**5** Complete the missing numbers.

5 ☐ 7 8 ☐ ☐ 11

14 15 ☐ ☐ ☐ 19 ☐

18 ☐ 20 ☐ ☐ ☐ 24

25 ☐ 27 ☐ 29 ☐

☐ 13 ☐ 15 ☐ ☐ ☐

**6** Color the same shapes with the same color.

# Sheet 17

**Till lessons 37 to 40 - chapter 5**

**1** Add, then complete using " > , < or = ".

| | | | | | |
|---|---|---|---|---|---|
| 1 + 2 | ◯ | 0 + 4 | 3 + 4 | ◯ | 4 + 5 |
| 5 + 5 | ◯ | 3 + 7 | 6 + 2 | ◯ | 1 + 3 |

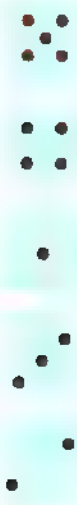
**2** Complete.

- ____ comes just after 27
- 23 comes just before ____
- 28 is 1 less than
- ____ is 1 more than 20
- 8 + ____ = 10

**3** Complete counting by 10's.

- 10 | 20 | .....
- ..... | 20 | .....

**4** Match to make 10.



7

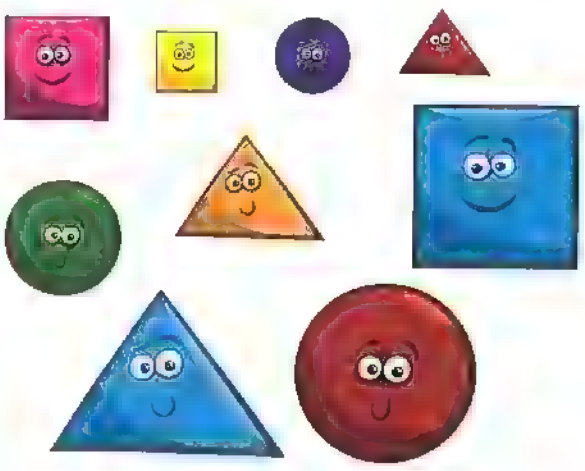
5

6

8

9

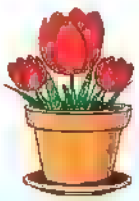
**5** Circle the objects having the same size ( large - medium - small ).



**6** Sara collected 4 yellow flowers and 2 red flowers.

**How many flowers did Sara have?**

Sara had = ☐ + ☐ = ☐ flowers.



# Assessment

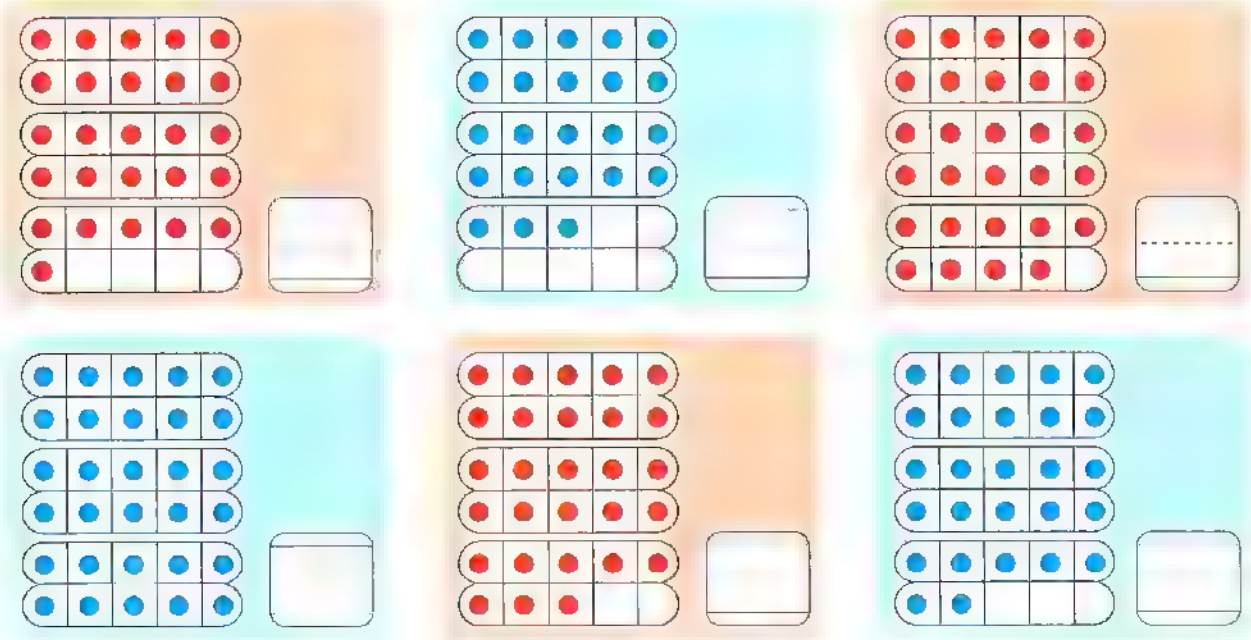
Chapter 5

**1** Add. Write the result.

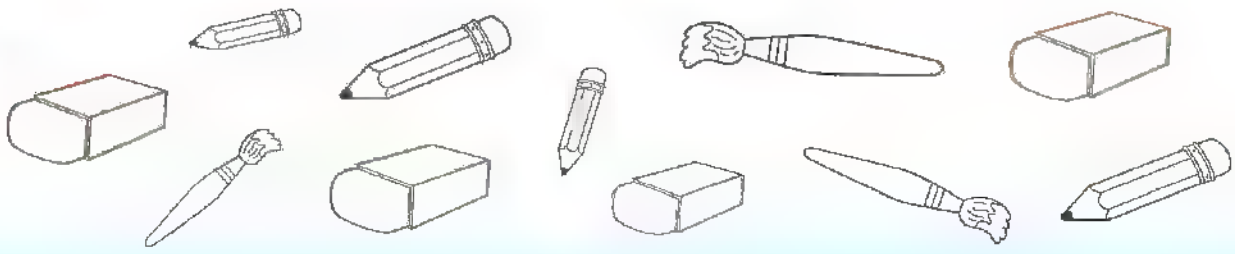
| | | |
|---|---|---|
| 5 + 3 = ____ | 1 + 7 = ____ | 4 + 4 = ____ |
| 2 + 4 = ____ | 5 + 5 = ____ | 9 + 0 = ____ |

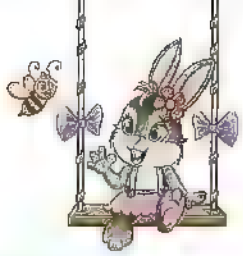
| | | | | |
|---|---|---|---|---|
| 10 + 0 = ____ | 8 + 1 = ____ | 6 + 3 = ____ | 5 + 2 = ____ | 1 + 1 = ____ |

**2** Count. Write the correct number.



**3** Color the similar objects with the same color.





## 4 Write the missing numbers.

22 ☐ ☐ 25 ☐ ☐ 28 29 ☐

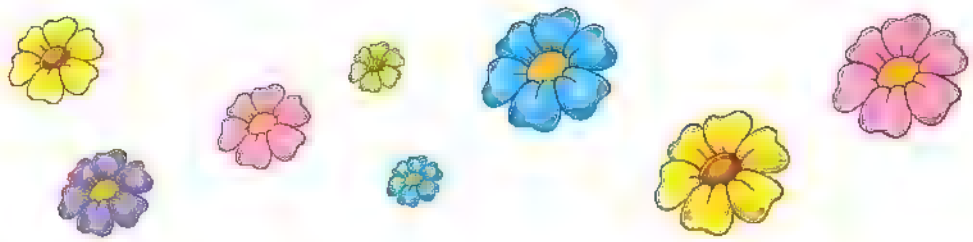
☐ 19 ☐ ☐ ☐ 23 ☐ ☐ 26

## 5 Arrange in a descending order.

27 , 16 , 7 , 28 , 24 , 30

The order is : ____ , ____ , ____ , ____ , ____ , ____

## 6 Circle the objects having the same size (Large - Medium - Small).



## 7 Solve the following problems.

Adam has 5 red balloons and 4 green balloons.

**How many balloons does Adam have in all ?**

The number of balloons =

☐ + ☐ = ☐ balloons.

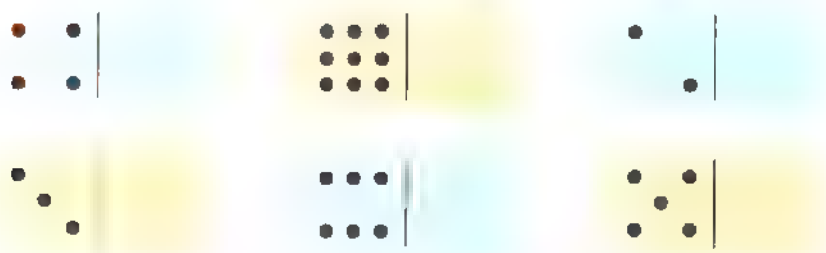
Janna had 2 big fish and 6 small fish.

**How many fish did Janna have in all ?**

The number of fish =

☐ + ☐ = ☐ fish.

## 8 Complete the dots in the other side to get 10.



# Accumulative Assessment

Till Chapter 5

**1** Add.

| | | | |
|---|---|---|---|
| 3 + 2 = _____ | 5 + 3 = _____ | 7 + 2 = _____ | 2 + 8 = _____ |
| 9 + 0 = _____ | 8 + 1 = _____ | 1 + 6 = _____ | 3 + 4 = _____ |

**2** Choose the correct answer.

- 16 < _____ (14 or 9 or 27)
- 23 ☐ 18 (> or < or =)
- Twenty-four = _____ (4 or 14 or 24)
- _____ comes just after 14 (13 or 14 or 15)
- _____ is 1 less than 28 (27 or 29 or 30)
- 3 + _____ = 10 (5 or 7 or 8)

**3** Match.

14

Fifteen

9

Four

**4** Arrange in an ascending order.

24 , 13 , 0 , 30 , 23

The order is : ____ , ____ , ____ , ____ , ____

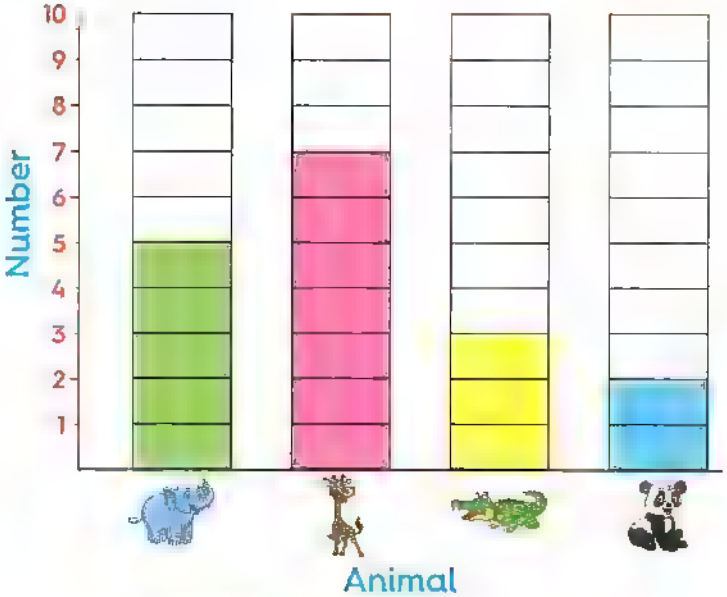
**5** Ahmed has 4 balloons and Mina has 3 balloons. How many balloons do they have in all ?

They have = _____ + _____ = _____

**6** Write the missing numbers on the number line.

## 7 Complete the following table.

| Animal | Number |
|---|---|
| | ____ |
| | ____ |
| | ____ |
| | ____ |

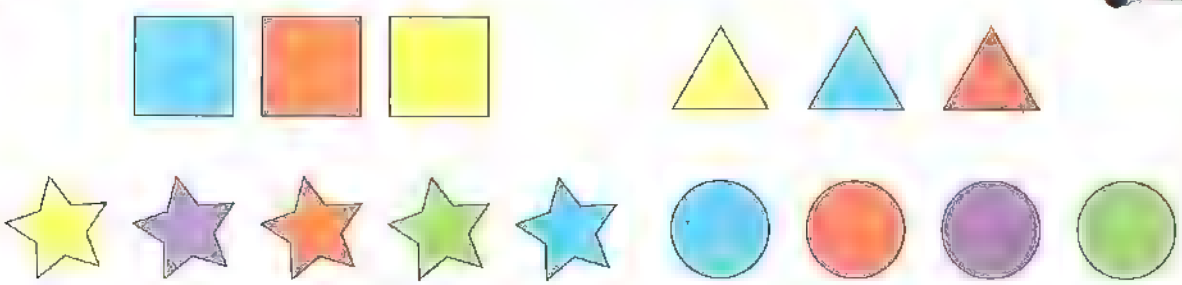



- **Find.**

- The number of + The number of = ☐

- The number of + The number of = ☐

## 8 Circle the objects having the same shape.



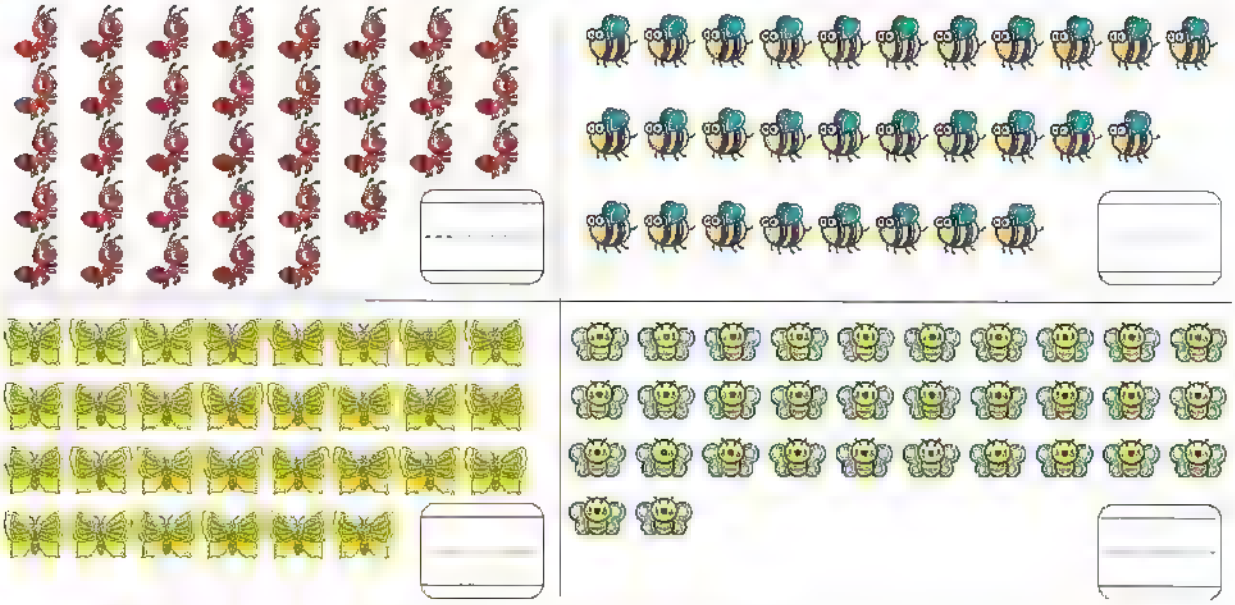
## 9 Write the number.

| | | | | |
|---|---|---|---|---|
| Twenty | Seventeen | Four | Eleven | Twenty-six |
| Thirty | Ten | Nine | Nineteen | Sixteen |

# Sheet 18

Till lessons 41 to 43 - chapter 6

**1** Count the objects, write the correct number.



**2** Find the result.

| | | |
|---|---|---|
| 7 – 2 = ..... | 6 + 3 = ..... | 8 – 1 = ..... |
| 2 + 5 = ..... | 9 – 4 = ..... | 7 + 3 = ..... |
| 10 – 4 = ..... | 4 + 2 = ..... | 6 – 6 = ..... |

**3** Write the missing numbers.

18 ☐ ☐ 21 ☐

☐ ☐ 26 27 ☐

☐ 21 22 ☐ ☐

28 ☐ ☐ 31 ☐

☐ 32 33 ☐ ☐

**4** Circle the shape that is different in each row.

# Sheet 19

**Till lessons 44 to 46 - chapter 6**

**1** Use the number line to subtract.

4 – 1 =

8 – 8 =

6 – 2 =

| | | | |
|---|---|---|---|
| 9 | 7 | 5 | 10 |
| – 4 | – 2 | – 3 | – 2 |
| | | | |

**2** Draw ● to represent the number.

| 37 | 40 |
|---|---|
| | |

**3** Write ( > , < or = ).

39 ☐ 29

Thirty-eight ☐ 38

37 ☐ Seventeen

8 – 1 ☐ 7 + 2

**4** Put the numbers in their correct places.

12 17

☐ is greater than ☐

24 31

☐ is less than ☐

**5** Complete with a suitable number.

☐ comes just before 32

☐ comes just after 19

**6** Match to get 10.

| | | | | |
|---|---|---|---|---|
| 3 | 2 | 9 | 0 | 6 |
| 1 | 7 | 8 | 4 | 10 |

# Sheet 20

Till lessons 47&48 - chapter 6

**1** Find the difference between.

5 and 3

□ − □ = □

6 and 9

□ − □ = □

**2** Complete each fact family.

| 5 | 1 | 6 |
|---|---|---|
| + | | = |
| + | | = |
| − | | = |
| − | | = |

| 4 | 5 | 9 |
|---|---|---|
| + | | = |
| + | | = |
| − | | = |
| − | | = |

| 7 | 3 | 10 |
|---|---|---|
| + | | = |
| + | | = |
| − | | = |
| − | | = |

**3** Put ">,< or =".

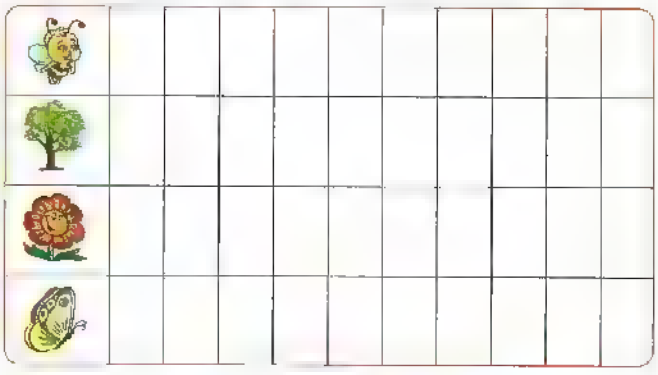
1 + 6 ◯ 2 + 8

9 − 5 ◯ 3 + 1

3 + 0 ◯ 7 − 7

10 − 3 ◯ 4 + 4

**4** Color one box for each to show the number of each item.



• Circle the item that is the most of.

# Sheet 21

Till lessons 49&50 - chapter 6

**1** Draw ● to show the number.

| 32 | 37 | 40 | 35 | 36 |
|---|---|---|---|---|
| | | | | |

**2** Write the missing numbers in each.

| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | 4 | | | | | 8 |
| 9 | | 11 | 12 | | | |
| | | | 18 | | 20 | |
| | 22 | 23 | | 25 | | |

**3** Magy had 8 books. She gave 2 books to Nada.

**How many books have left with Magy ?**

The left books = ☐ − ☐

= ☐ books

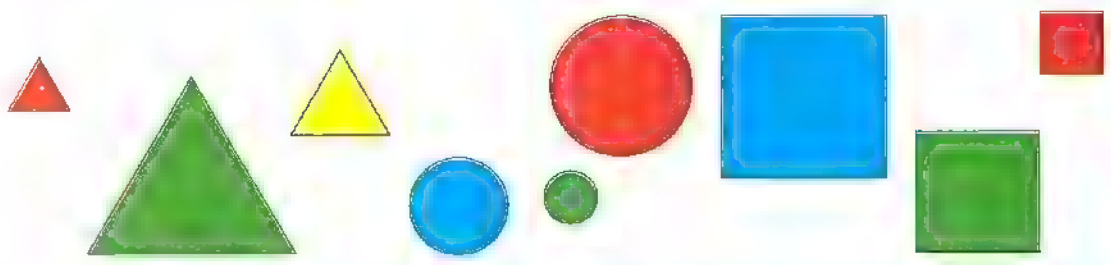
**4** Put ">,< or =".

| | | | | | |
|---|---|---|---|---|---|
| 12 | ☐ | 21 | 18 | ☐ | 17 |
| 15 | ☐ | 15 | 5 | ☐ | 20 |
| Nine | ☐ | Zero | Sixteen | ☐ | Nineteen |

**5** Find the results.

| | | |
|---|---|---|
| 3 + 5 = | 8 | 4 |
| 10 − 2 = | (−) 4 | (+) 1 |
| 7 + 1 = | | |
| 6 − 6 = | | |

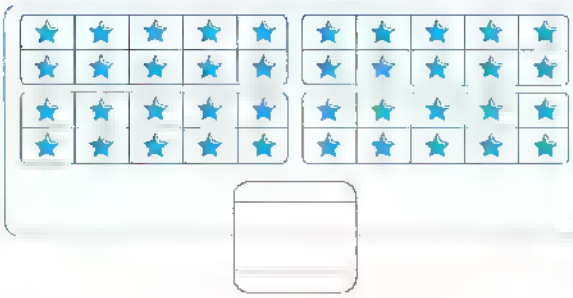
**6** Circle the figures with the same shape.



# Assessment

Chapter 6

**1** Count. Write the numbers.



**2** Arrange in an ascending order.

35 , 25 , 37 , 29 , 8

The order is : ____ , ____ , ____ , ____ , ____

**3** Arrange in a descending order.

30 , 21 , 27 , 40 , 38

The order is : ____ , ____ , ____ , ____ , ____

**4** Write a pair of addition and subtraction facts for each group of numbers.

| 3 4 7 | 2 6 8 | 1 9 10 |
|---|---|---|
| ___ + ___ = ___ | ___ + ___ = ___ | ___ + ___ = ___ |
| ___ + ___ = ___ | ___ + ___ = ___ | ___ + ___ = ___ |
| ___ − ___ = ___ | ___ − ___ = ___ | ___ − ___ = ___ |
| ___ − ___ = ___ | ___ − ___ = ___ | ___ − ___ = ___ |

**5** Subtract. Write the numbers.

7 − 4 = ____

9 − 3 = ____

8 − 0 = ____

10 − 1 = ____

6 − 6 = ____

3 − 2 = ____

| 5 | 8 | 4 | 9 | 6 |
|---|---|---|---|---|
| − 1 | − 2 | − 0 | − 7 | − 3 |
| ____ | ____ | ____ | ____ | ____ |

## 6 Answer the following problems.

Osama has 9 candies, he gave 4 candies to Rana.
**How many candies does Osama have now ?**

What Osama has =

[ ] − [ ] = [ ] candies.

Mary had 8 balloons, 2 of them flew away.
**How many balloons are left ?**

The left balloons =

[ ] − [ ] = [ ] balloons.

## 7 Write the missing numbers in each pattern using the fact families.

| | | | | | | |
|---|---|---|---|---|---|---|
| 8 | [ ] | 10 | [ ] | 12 | [ ] | 14 |
| 5 | 6 | [ ] | [ ] | 9 | [ ] | [ ] |
| 10 | [ ] | 12 | [ ] | [ ] | 15 | [ ] |

## 8 Write the number that comes just before.

| | | | |
|---|---|---|---|
| [ ] | 12 | [ ] | 40 |
| [ ] | 27 | [ ] | 35 |

## 9 Write the numbers that comes just after.

| | | | |
|---|---|---|---|
| 24 | [ ] | 32 | [ ] |
| 39 | [ ] | 18 | [ ] |

## 10 Write the results. Put ">,< or =".

| | |
|---|---|
| 2 + 3 ◯ 9 − 5 | 4 + 2 ◯ 8 − 3 |
| 10 − 4 ◯ 3 + 3 | 10 − 0 ◯ 1 + 9 |

# Accumulative Assessment

Till Chapter 6

**1** **Find the results.**

- 2 + 4 = _____
- 8 – 3 = _____
- 2 – 0 = _____
- 9 – 5 = _____
- 7 + 2 = _____
- 6 + 0 = _____
- 6 + 4 = _____
- 10 – 5 = _____
- 7 – 2 = _____

**2** **Write (✓) to the correct statement and (✗) to the incorrect statement.**

- 35 comes just after 34 ( )
- 30 is less than 39 ( )
- 10 – 6 = 5 ( )
- 39 is 1 more than 40 ( )
- 3 + 5 = 8 ( )
- 3 – 3 = 1 ( )

**3** **Arrange in an ascending order.**

31 , 9 , 21 , 14 , 40

The order is : _____ , _____ , _____ , _____ , _____

**4** Mohamed has 9 pounds.

If he bought sweets for 5 pounds.

**What is the remainder with him ?**

The remainder

= _____ = _____ pounds.

**5** Ali has 4 ⚽ and Paula has 2 ⚽

**How many ⚽ do they both have ?**

What they both have

= _____ = ⚽

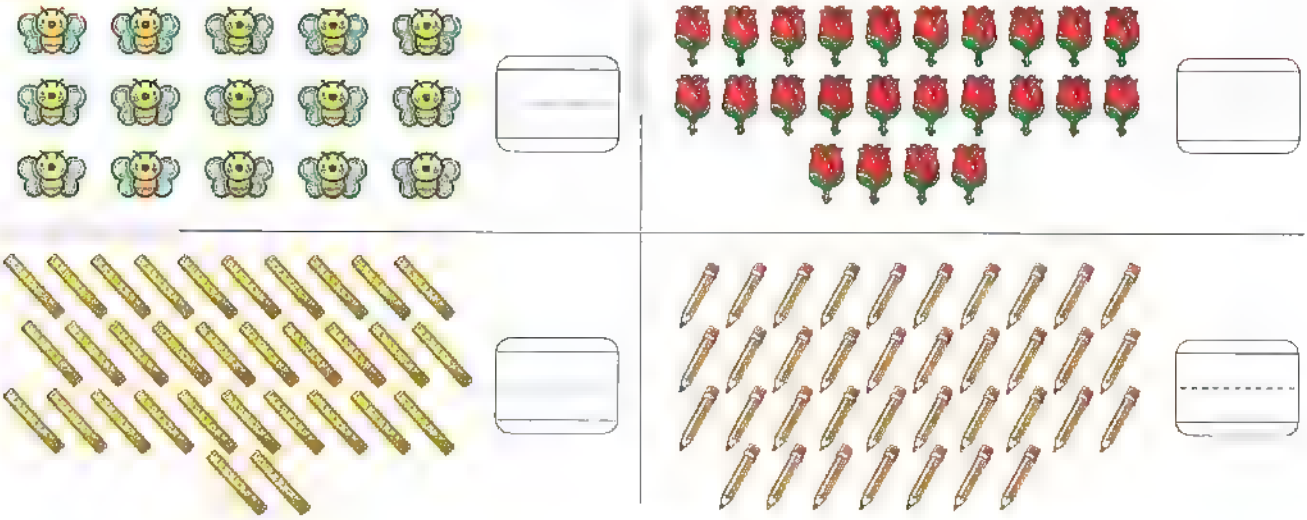
**6** **Circle the correct number on the number line.**

- One less than 8

- One more than 10

## 7 Write the missing numbers.

## 8 Count and write the number.

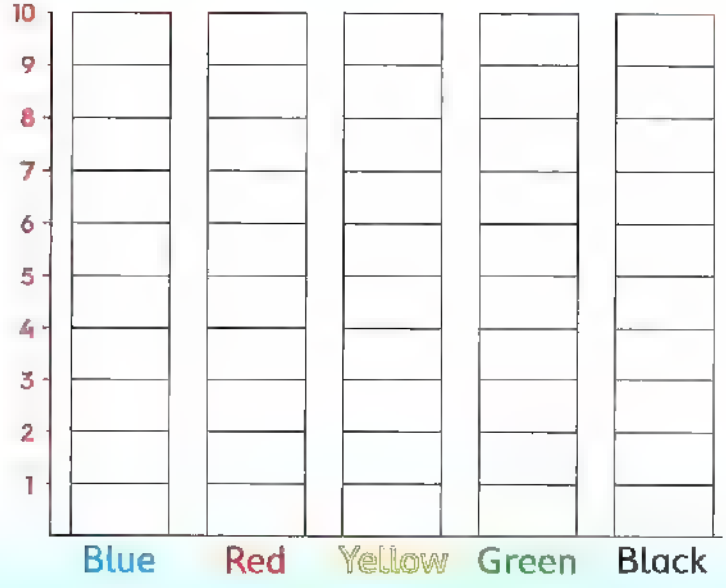


## 9 Write (> , < or =).

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17 | ☐ | 21 | Ten | ☐ | Eleven | 9 + 1 | ☐ | 9 – 1 |
| 3 + 5 | ☐ | 10 – 4 | 6 + 3 | ☐ | 5 + 2 | 4 – 1 | ☐ | 0 + 3 |

## 10 Shade according to the number.

| Color | Number |
|---|---|
| Blue | 4 |
| Red | 5 |
| Yellow | 7 |
| Green | 6 |
| Black | 2 |



# Sheet 22

Till lessons 51&52 - chapter 7

**1** Write the times below the clocks.

o'clock

o'clock

o'clock

o'clock

**2** Write a suitable number.

21 > ☐

15 < ☐

☐ = 3

12 = ☐

☐ < 17

☐ > 30

**3** Use the number chart to find the results.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

5 – 2 = ____

3 + 6 = ____

4 + 3 = ____

10 – 2 = ____

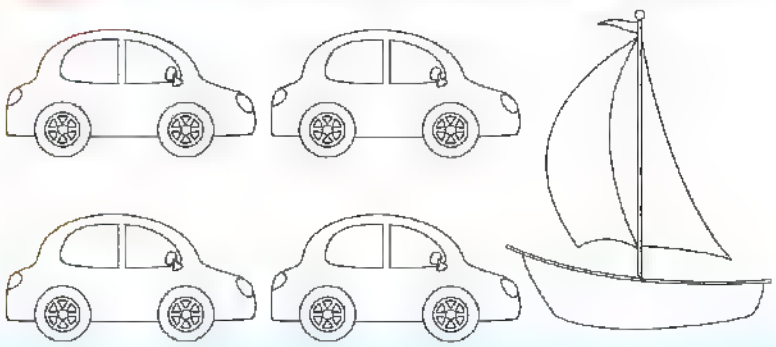
6 – 4 = ____

5 + 5 = ____

**4** Complete the fact family.

| 7 | 2 | 9 |
|---|---|---|
| ____ + ____ = ____ | | |
| ____ + ____ = ____ | | |
| ____ – ____ = ____ | | |
| ____ – ____ = ____ | | |

**5** Color the picture that does not belong.



# Sheet 23

**Till lessons 53&54 - chapter 7**

**1** Complete the following.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 20 | 21 | | | 24 | | | 27 | 28 | |
| 40 | | | 43 | 44 | | | | 48 | |

**2** Draw the hour hand on the clock faces. Write the time on the digital clocks.

3 o'clock :

5 o'clock :

10 o'clock :

**3** Circle the picture that does not belong in each row.

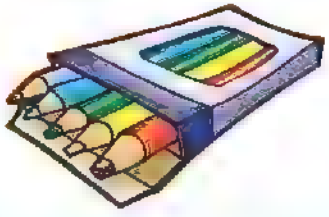
**4** Complete with a suitable number.

| | | |
|---|---|---|
| | comes just after | 30 |
| | comes just before | 15 |
| | comes just after | 7 |
| | comes just before | 23 |

**5** Sara had 10 crayons. She gave 3 to her friend.

**How many crayons are left ?**

The left crayons = ☐ − ☐ = ☐ crayons.



# Sheet 24

Till lessons 55&56 - chapter 7

**1** Put ">,< or =".

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 30 | ☐ | 29 | 13 | ☐ | 31 | 9 | ☐ | 8 |
| Seventeen | ☐ | 27 | Twenty-five | ☐ | 25 | Sixteen | ☐ | Fourteen |

**2** Write the missing numbers of each.

10 9 ☐ ☐ ☐ ☐ 4 3 ☐ ☐ ☐

50 ☐ 52 53 ☐ ☐ 56 ☐ 58 ☐ ☐

☐ 60 61 ☐ 63 ☐ ☐ ☐ 67 ☐ ☐

**3** Find the difference between.

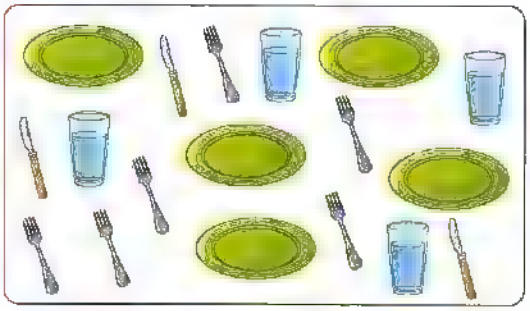
10 and 3

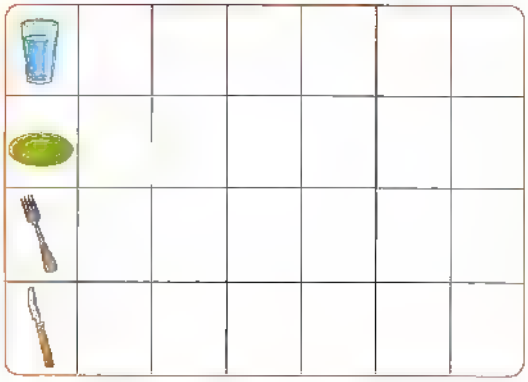
☐ − ☐ = ☐

2 and 8

☐ − ☐ = ☐

**4** Use the picture to complete the picture graph.





**5** Cross out the animal that is different.

# Sheet 25

Till lessons 57 to 60 - chapter 7

**1** Put "+ or –".

4 ☐ 3 = 7

10 ☐ 6 = 4

2 ☐ 2 = 0

7 ☐ 2 = 9

**2** Complete the missing numbers.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 41 | | | | | 46 | | | | 50 |
| | 52 | 53 | | | | 57 | | 59 | |
| | | | 64 | | | | 68 | | |
| | 72 | | | 75 | | | 78 | | 80 |
| 81 | | | 84 | | | 87 | | | |
| | | 93 | | | 96 | | | | 100 |

**3** Find the results.

18 – 4 = _____ 12 + 3 = _____ 7 + 10 = _____

| | | | |
|---|---|---|---|
| 16 | 11 | 19 | 4 |
| – 8 | + 7 | – 5 | + 9 |
| _____ | _____ | _____ | _____ |

**4** Match.

05:00

03:00

07:00

10:00

**5** Choose.

- 13 is greater than ___ ( 15 or 12 )
- 24 is less than ___ ( 30 or 20 )
- ___ comes just after 16 ( 15 or 17 )
- ___ comes just before 28 ( 27 or 29 )
- ___ is equal to 20 ( 20 or 10 )

# Assessment

Chapter 7

**1** Draw the hour hand on the clock faces. Write the time on the digital clocks.

11 o'clock

7 o'clock

4 o'clock

**2** Find the results.

12 + 5 = ____

10 + 8 = ____

17 – 1 = ____

11 + 6 = ____

13 – 9 = ____

20 – 10 = ____

| | | | | |
|---|---|---|---|---|
| 5 + 9 = | 14 – 8 = | 6 + 13 = | 19 – 9 = | 15 – 2 = |

**3** Write the missing numbers.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 50 | | 52 | 53 | | | 56 | | | |
| | 92 | | | 95 | 96 | | | 99 | |
| 85 | 86 | | | 89 | | | 92 | | |
| 61 | 62 | | | | 66 | 67 | | | |

## 4 Cross out the picture that does not belong in each group.

## 5 Complete the following using subtraction fact families.

| | | | | | |
|---|---|---|---|---|---|
| 8 | ☐ | 6 | 5 | 4 | ☐ |
| 10 | 9 | ☐ | ☐ | ☐ | 5 |
| ☐ | 4 | 3 | ☐ | 1 | ☐ |

## 6 Put "+ or −".

| | |
|---|---|
| 5 ☐ 3 = 8 | 6 ☐ 2 = 4 |
| 9 ☐ 2 = 7 | 0 ☐ 1 = 1 |

## 7 Put ">,< or =".

| | |
|---|---|
| 7 + 5 ◯ 15 − 12 | 6 + 8 ◯ 16 − 2 |
| 18 − 8 ◯ 3 + 13 | 20 − 7 ◯ 9 + 3 |

# Accumulative Assessment

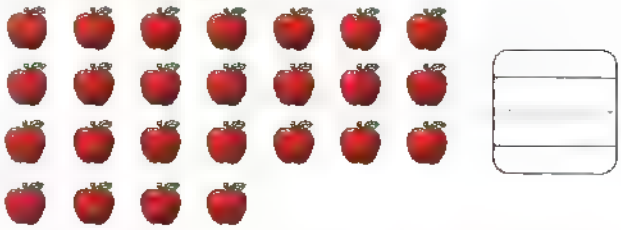
Till Chapter 7

**1** Find the results.

| | | | |
|---|---|---|---|
| 7 + 8 = ____ | 15 – 6 = ____ | 12 + 1 = ____ | 20 – 6 = ____ |

| | | | | | |
|---|---|---|---|---|---|
| 8 + 5 = ____ | 6 + 7 = ____ | 13 + 4 = ____ | 18 – 5 = ____ | 12 – 7 = ____ | 17 + 1 = ____ |

**2** Count, write the number.



**3** Arrange in an ascending order.

63 , 73 , 81 , 29 , 100

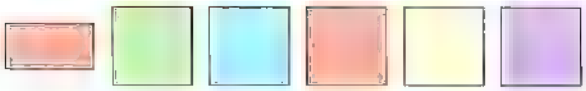
The order is : ____ , ____ , ____ , ____ , ____

**4** Arrange in a descending order.

54 , 39 , 69 , 47 , 90

The order is : ____ , ____ , ____ , ____ , ____

**5** Cross out the picture that does not belong in each group.



## 6 Choose the correct answer.

- 63 is greater than _____ (50 or 65 or 75)
- _____ is less than 81 (19 or 90 or 99)
- _____ comes just after 79 (70 or 80 or 81)
- _____ is equal to sixteen. (6 or 16 or 61)
- 89 _____ 89 (> or < or =)

## 7 Complete the fact family.

| 8 | 3 | 5 |
|---|---|---|
| _____ + _____ = _____ | | |
| _____ + _____ = _____ | | |
| _____ − _____ = _____ | | |
| _____ − _____ = _____ | | |

## 8 Write the time below the clocks.

_____ o'clock

_____ o'clock

_____ o'clock

## 9 Draw the two hands of the clock.

8 o'clock

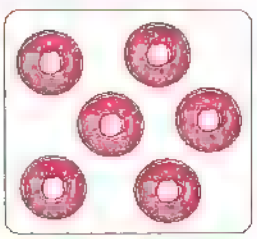
4 o'clock

1 o'clock

## 10 Petra baked 16 big cookies and 3 small cookies.

**How many cookies did she bake in all ?**

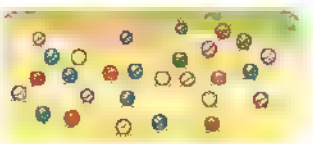
What she baked = _____ _____ = _____ cookies.



## 11 Ahmed has 9 marbles. His friend Mostafa has 6 marbles.

**How many more marbles does Ahmed have ?**

What Ahmed has more than Mostafa = _____ = _____ marbles.



# GENERAL REVISION

# General Revision

**1** **Choose the correct answer.**

a. 35 is 1 less than _____ (33 or 34 or 36)

b. 29 is 1 more than _____ (28 or 30 or 31)

c. 44 comes just before _____ (43 or 44 or 45)

d. 26 comes just after _____ (25 or 26 or 27)

e. Thirty-two = _____ (23 or 32 or 30)

f. Twelve = _____ (11 or 12 or 13)

g. 41 = _____ (fourteen or forty-one or forty)

h. _____ comes just before 27 (26 or 27 or 28)

i. _____ comes just after 63 (62 or 63 or 64)

j. 3 + 2 = _____ (4 or 5 or 6)

k. 7 – 5 = _____ (1 or 2 or 3)

l. 15 + 4 = _____ (16 or 19 or 20)

m. 7 + 3 ☐ 5 + 5 (> or < or =)

n. 17 – 5 ☐ 14 – 1 (> or < or =)

o. 3 + 9 ☐ 16 – 6 (> or < or =)

p. Fifteen ☐ 25 (> or < or =)

q. Thirty ☐ 13 (> or < or =)

r. _____ > 38 (29 or 34 or 40)

s. 29 > _____ (15 or 30 or 35)

t. Forty ☐ Seventeen (> or < or =)

u. _____ > 14 – 6 (7 or 8 or 9)

v. _____ < 5 + 4 (7 or 9 or 10)

w. 11 + 1 < _____ (11 or 12 or 13)

x. 15 + 2 = _____ (10 + 7 or 15 – 2 or 10 + 5)

y. 14 – 3 = _____ (10 + 3 or 10 + 1 or 5 + 5)

z. 7 + _____ = 10 (4 or 2 or 3)

## Count. Write the number.

## 3 Write in digits.

| | | |
|---|---|---|
| a. Eight | b. Five | c. Ten |
| d. Two | e. Eleven | f. Thirteen |
| g. Thirty | h. Forty | i. Twenty-one |
| j. Fifty-four | k. Fourteen | l. Seventy |
| m. Sixty-nine | n. Twelve | o. Fifteen |
| p. Thirty-nine | | |

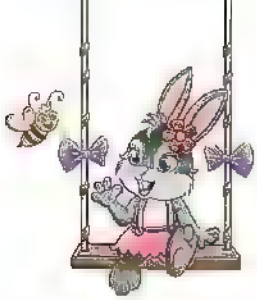
## 4 Write (✓) to the correct statement and (✗) to the incorrect statement.

| | |
|---|---|
| a. 3 + 8 = 10 ( ) | b. 7 – 2 = 5 ( ) |
| c. 4 + 2 = 6 ( ) | d. 10 – 1 = 8 ( ) |
| e. 9 + 3 = 21 ( ) | f. 14 – 6 = 7 ( ) |
| g. 7 > 8 ( ) | h. 14 < 41 ( ) |
| i. 70 > 27 ( ) | j. Seventeen > 17 ( ) |
| k. 31 is 1 more than 30 ( ) | l. 28 is 1 less than 29 ( ) |
| m. 28 comes just after 29 ( ) | n. 16 comes just before 17 ( ) |

o. The time shown on the clock is 4 o'clock ( )

p. The time shown on the clock is 10 o'clock ( )

q. The time shown on the clock is 2 o'clock ( )



## 5 Arrange in an ascending order.

a. 31 , 19 , 72 , 80 , 25

The order is : ____ , ____ , ____ , ____ , ____

b. 47 , 29 , 8 , 10 , 52

The order is : ____ , ____ , ____ , ____ , ____

c. 64 , 77 , 46 , 70 , 0

The order is : ____ , ____ , ____ , ____ , ____

## 6 Arrange in a descending order.

a. 29 , 92 , 60 , 39 , 100

The order is : ____ , ____ , ____ , ____ , ____

b. 58 , 67 , 16 , 30 , 10

The order is : ____ , ____ , ____ , ____ , ____

c. 37 , 45 , 19 , 28 , 41

The order is : ____ , ____ , ____ , ____ , ____

## 7 Write the missing numbers.

a. 21 22 ☐ ☐ 25 ☐ ☐ 28 29 ☐ ☐

b. 40 41 ☐ ☐ ☐ 45 ☐ ☐ 48 ☐ ☐

c. 85 86 ☐ ☐ ☐ ☐ 91 ☐ ☐ ☐ ☐

d. 13 ☐ ☐ 16 ☐ ☐ ☐ ☐ 21 ☐ ☐

## 8 Complete.

a. 3 + 1 = ____

b. 4 + 7 = ____

c. 8 + 6 = ____

d. 13 + 2 = ____

e. 3 + ____ = 10

f. ____ + 9 = 10

g. 6 + ____ = 10

h. ____ + 8 = 10

i. 7 – 5 = ____

j. 9 – 3 = ____

k. 5 – 5 = ____

l. 14 – 3 = ____

m. 18 – 6 = ____

n. 17 – 7 = ____

o. 19 – 8 = ____

p.

| 17 |
| --- |
| – 6 |
| ____ |

q.

| 12 |
| --- |
| + 5 |
| ____ |

r.

| 14 |
| --- |
| + 6 |
| ____ |

s.

| 20 |
| --- |
| – 5 |
| ____ |

t. 37 is 1 more than ____

u. ____ is 1 less than 30

v. ____ comes just after 43

w. 52 comes just before ____

## 9 Match the clocks that show the same time.

## 10 Match the equal results.

| | | | |
| --- | --- | --- | --- |
| 7 + 5 | 6 + 2 | 14 + 3 | 12 + 3 |
| 19 – 2 | 15 – 3 | 10 – 2 | 20 – 5 |

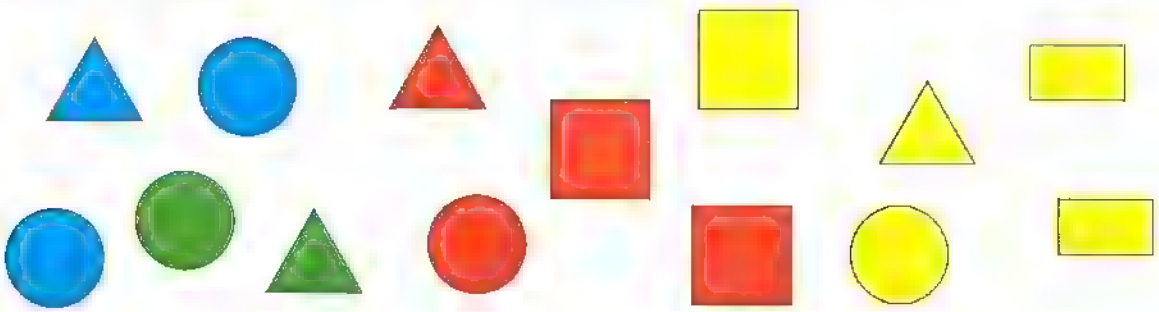
## 11 Circle the picture that does not belong.

a.

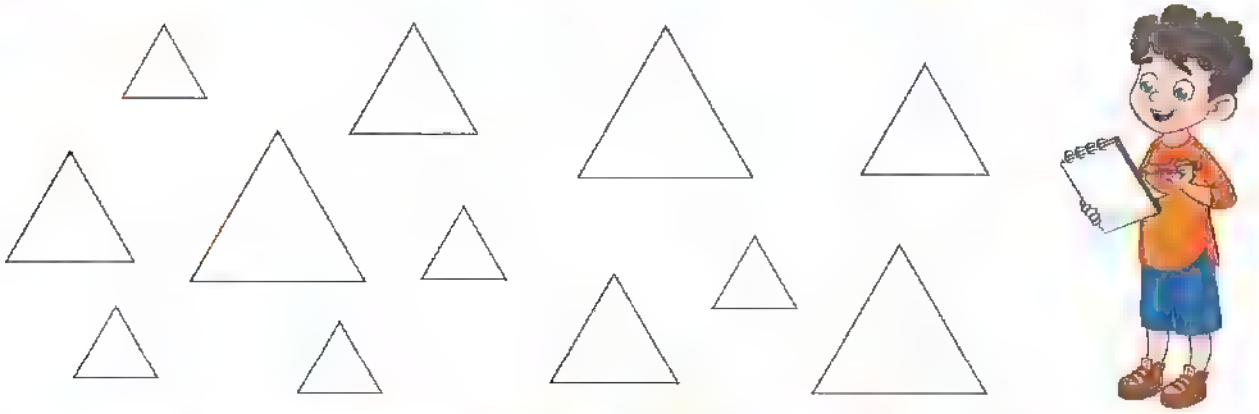
b.

c.

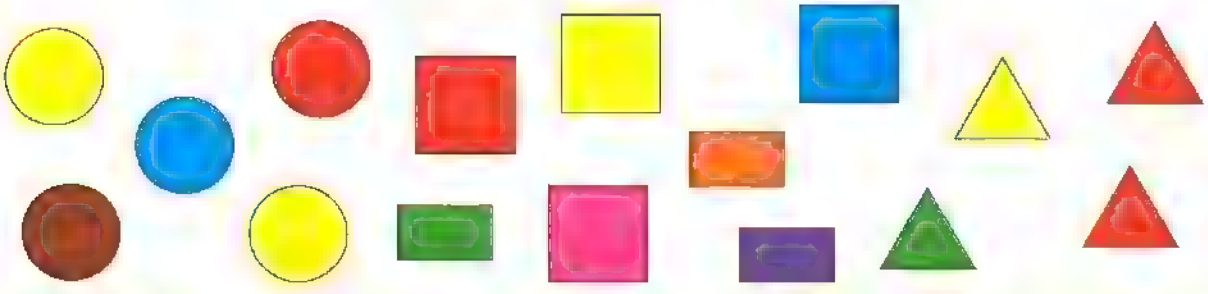
## 12 Circle the objects with the same color.



## 13 Color the shapes that have the same size by the same color.



## 14 Circle the objects having the same shape.



## 15 Write the time.

o'clock

o'clock

o'clock

o'clock

## 16 Draw the two hands of the clock.

8 o'clock

5 o'clock

9 o'clock

1 o'clock

## 17 Write the fact family.

| 3 | 6 | 9 |
|---|---|---|
| ___ + | ___ = | ___ |
| ___ + | ___ = | ___ |
| ___ − | ___ = | ___ |
| ___ − | ___ = | ___ |

| 1 | 8 | 7 |
|---|---|---|
| ___ + | ___ = | ___ |
| ___ + | ___ = | ___ |
| ___ − | ___ = | ___ |
| ___ − | ___ = | ___ |

| 15 | 8 | 7 |
|---|---|---|
| ___ + | ___ = | ___ |
| ___ + | ___ = | ___ |
| ___ − | ___ = | ___ |
| ___ − | ___ = | ___ |

## 18 Answer the following.

a. Ahmed bought a pen for 5 pounds and a ruler for 3 pounds.
**How much money did Ahmed pay ?**
What Ahmed paid =
+ ___ = ___ pounds.

b. Paula has 18 balloons and his sister Petra has 5 balloons.
**Find the difference between what they have.**
The difference =
− ___ = ___ balloons.

c. Mostafa has 7 books. Marwan has 9 books. **How many more books does Marwan have than Mostafa ?**
The number of books =
___ − ___ = ___ books.

d. Sarah has 8 pink flowers and Mariam has 3 red flowers. **How many flowers do they have in all ?**
What they have =
+ ___ = ___ flowers.

## 19 Count. Color according to the number.

- **Complete :**

- Number of = _____
- Number of =
- Number of =
- Number of = _____

- **Circle the shape which has the most number.**

## 20 Shade according to the number.

| Animal | Number |
|---|---|
| | 6 |
| | 4 |
| | 9 |
| | 4 |

- **Complete write "> , < or =".**

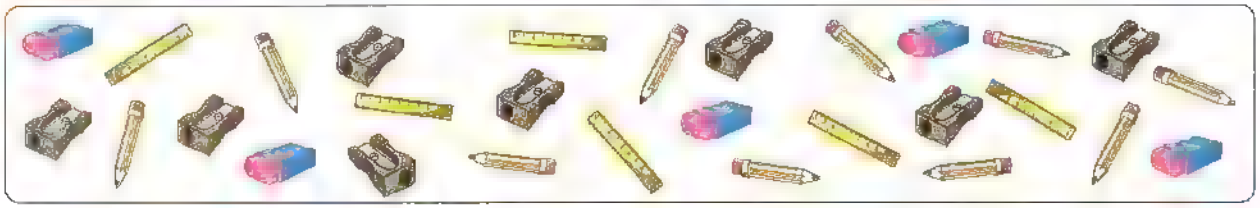
a. Number of ☐ Number of

b. Number of ☐ Number of

c. Number of ☐ Number of

d. Number of ☐ Number of

## 21 Use the picture to complete picture graph.



- Complete.

a. The number of = 

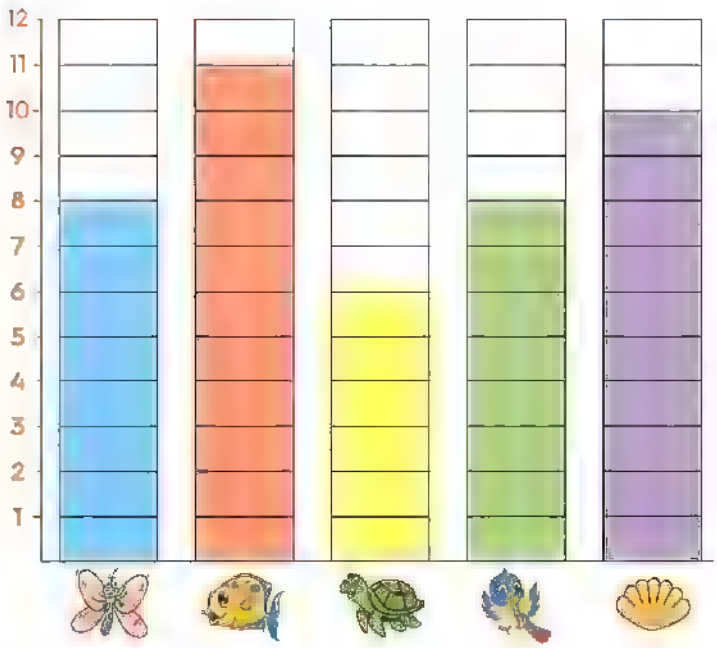
b. The number of = 

c. The number of = 

d. The number of = 

## 22 Complete the following table.

| Item | Number |
|---|---|
| | |
| | |
| | |
| | |
| | |

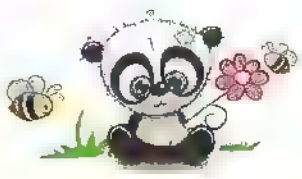



- Complete by using "> , < or =".

a. The number of ☐ The number of

b. The number of ☐ The number of

c. The number of ☐ The number of



# FINAL ASSESSMENTS

In these final assessments your child will review on all what he/she had learned in first term.

# Assessment 1

**1** Add or subtract.

| | | | | |
|---|---|---|---|---|
| 3 + 5 = | 12 + 1 = | 20 − 5 = | 9 + 0 = | 6 − 2 = |

| | | |
|---|---|---|
| 9 + 1 = | 14 − 8 = | 8 − 0 = |
| 3 − 3 = | 13 + 5 = | 7 + 7 = |

**2** Complete.

a. 36 comes just after ____

b. ____ comes just before 40

c. 8 + ____ = 10

d. 24 is 1 more than ____

**3** Write a pair of addition and subtraction facts for each group of numbers.

| 6 | 3 | 9 |
|---|---|---|
| ____ + ____ = ____ | | |
| ____ + ____ = ____ | | |
| ____ − ____ = ____ | | |
| ____ − ____ = ____ | | |

| 2 | 5 | 7 |
|---|---|---|
| ____ + ____ = ____ | | |
| ____ + ____ = ____ | | |
| ____ − ____ = ____ | | |
| ____ − ____ = ____ | | |

**4** Put " >,< or = ".

| | | |
|---|---|---|
| 7 | ☐ | Nine |
| 5 + 5 | ☐ | Eleven |
| 6 − 2 | ☐ | 4 |
| 3 + 4 | ☐ | 10 − 2 |
| 8 − 7 | ☐ | 1 + 1 |

## 5 Write the missing numbers of each.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 85 | 86 | | | 89 | | | |
| | 1 | 2 | | | | 6 | |
| 61 | | 63 | | 65 | | | |

## 6 Cross out the different item in each row.

## 7 Sara had 9 apples. She gave 2 to her friends.

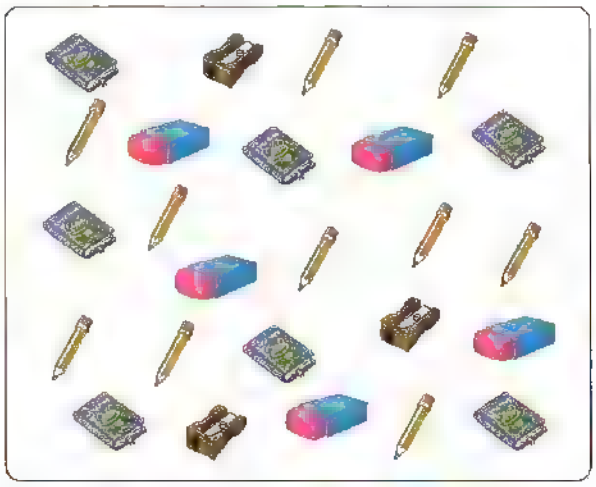
**How many apples are left?**

The left apples =

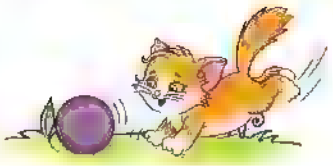
[ ] − [ ] = [ ] apples.

## 8 Color to show how many of each item.

| | | | | |
|---|---|---|---|---|
| 10 | | | | |
| 9 | | | | |
| 8 | | | | |
| 7 | | | | |
| 6 | | | | |
| 5 | | | | |
| 4 | | | | |
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |
| | | | | |



• Circle the item there is the most of.

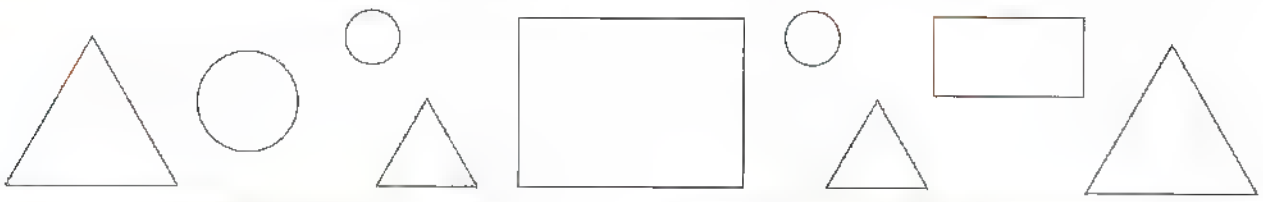


# Assessment 2

**1** Draw ● according to the number.

| 40 | 18 | 26 | 53 |
|---|---|---|---|
| | | | |

**2** Color the similar figures with the same color.



**3** Put the numbers in their correct places.

6 and 16

☐ is greater than ☐

0 and 1

☐ is less than ☐

**4** Arrange in a descending order.

74 , 87 , 25 , 16 , 47

The order is : ____ , ____ , ____ , ____ , ____

**5** Youssef bought 3 big water bottles and 5 small water bottles.

**How many water bottles did Youssef buy in all ?**

The number of all bottles

= ☐ + ☐ = ☐ bottles.

**6** Join to get 10.

| | |
|---|---|
| 7 | 2 |
| 1 | 3 |
| 5 | 10 |
| 8 | 9 |
| 4 | 5 |
| 0 | 6 |

## 7 Write a suitable number.

| | | |
|---|---|---|
| ☐ > 5 | 19 = ☐ | 13 > ☐ |
| 10 < ☐ | ☐ = 2 | ☐ < 7 |

## 8 Find the difference between.

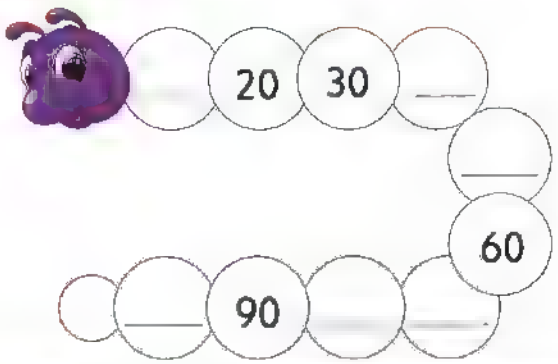
6 and 1

☐ − ☐ = ☐

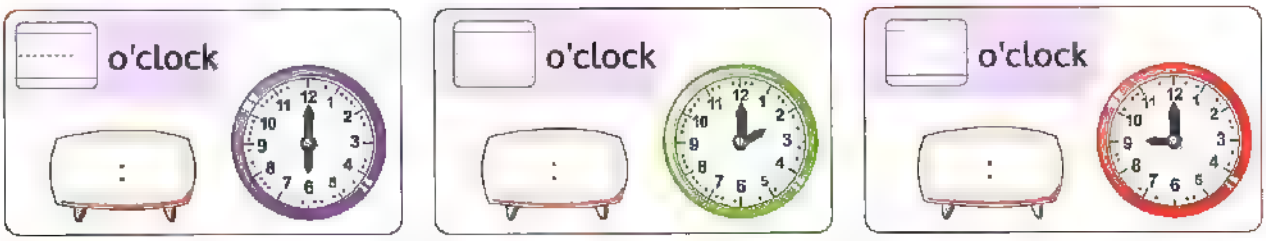
12 and 9

☐ − ☐ = ☐

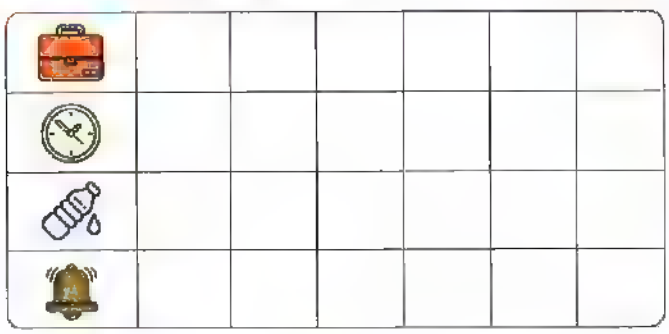
## 9 Count by tens.

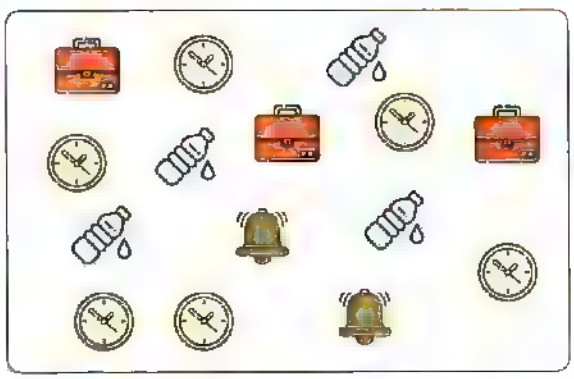



## 10 Write the times shown in two ways.




## 11 Use the following picture to complete the picture graph.





• Put ">,< or =".

- The number of ☐ the number of
- The number of ☐ the number of
- The number of ☐ the number of

# Assessment 3

**1** Complete with the suitable number.

| | |
|---|---|
| ☐ comes just before 54 | ☐ is 1 more than 16 |
| ☐ comes just after 81 | ☐ is 1 less than 20 |

**2** Put " + or − ".

7 ☐ 3 = 10

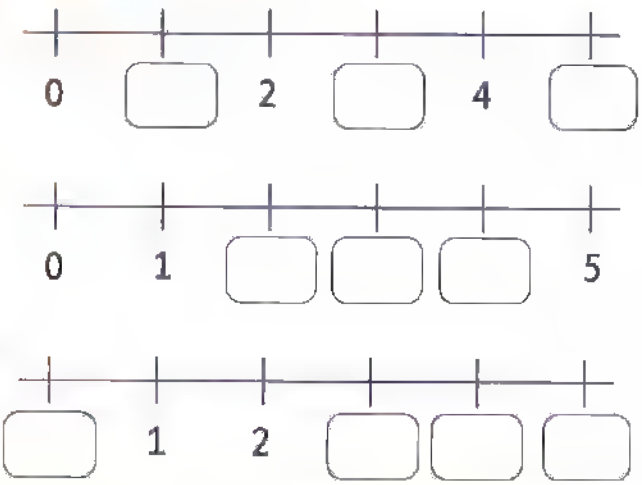
9 ☐ 1 = 8

**3** Arrange in an ascending order.

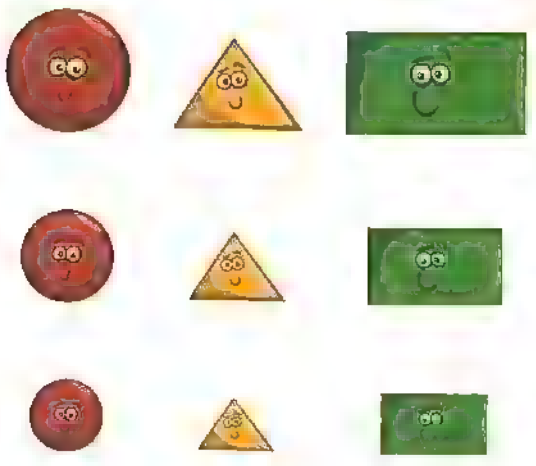
34 , 43 , 9 , 99 , 10

The order is : ___ , ___ , ___ , ___ , ___

**4** Write the missing numbers in each number line.




**5** Circle the objects having the same shape ( , , ).



**6** Find the results.

5 + 2 = ___ , 13 − 4 = ___

| | | |
|---|---|---|
| 6 + 3 | 8 − 7 | 11 − 1 |
| | | |

7 Magy has 8 pencils. Ahmed has 3 pencils.

**How many more pencils does Magy have than Ahmed ?**

The difference =

= ☐ − ☐ = ☐ pencils.

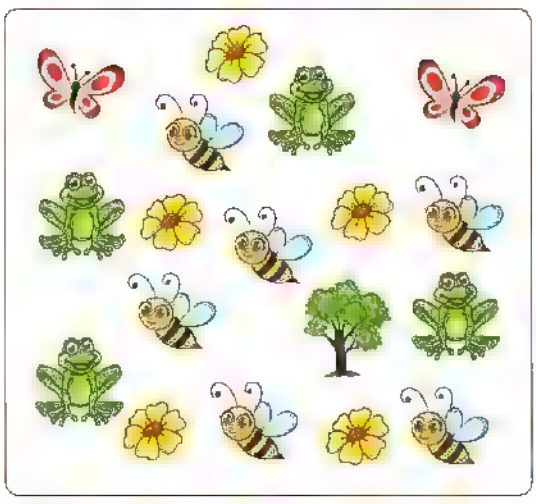
8 **Circle the clock that shows 4 o'clock.**

- Write the time on the digital clock.

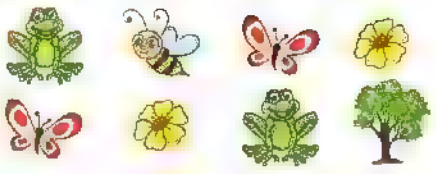
9 **Complete the missing numbers.**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 52 | | | | 56 | | | | |
| | | | 64 | | | | | | 70 |
| | | 73 | | | | 77 | | | |
| 81 | | | | | | | | 89 | |
| | | | | 95 | | | 98 | | |

10 **Color to show how many of each item.**



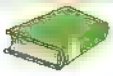
- Circle which item there is the most of.

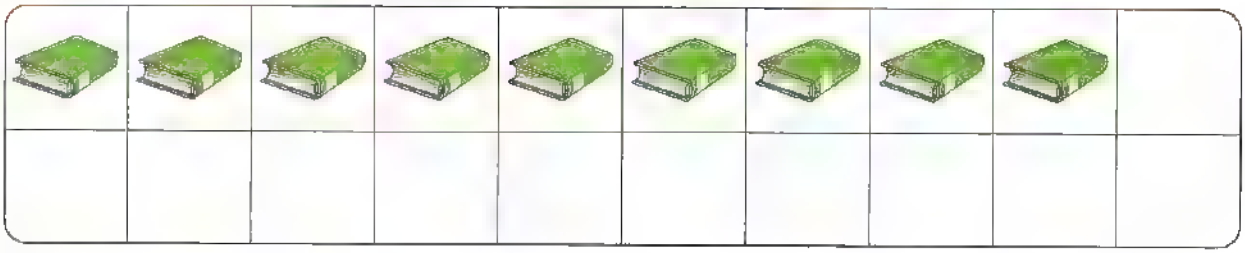


- Circle which item there is the least of.

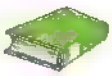
# Assessment 4

**1** Circle the chairs which have 3 legs.

**2** Draw to show the same number of as  .



- Choose :

- The number of  ○ the number of

○ is greater than ○ is less than ○ is equal to

**3** Put " >,< or = ".

| | | |
|---|---|---|
| Five | ☐ | 7 – 3 |
| 8 + 2 | ☐ | 6 + 4 |
| 17 – 6 | ☐ | 6 + 7 |
| 5 – 5 | ☐ | One |

**4** Draw the hour hand on the clock faces. Write the time on the digital clock.

2 o'clock

:

11 o'clock

:

**5** Write the number that comes just before.

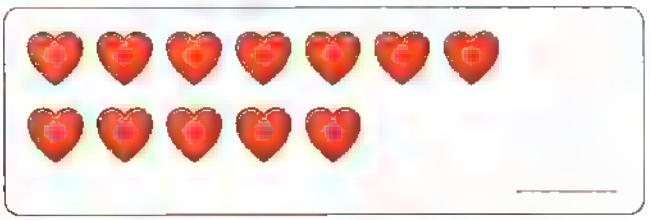
| | | | |
|---|---|---|---|
| ____ 15 | ____ 68 | ____ 30 | ____ 93 |

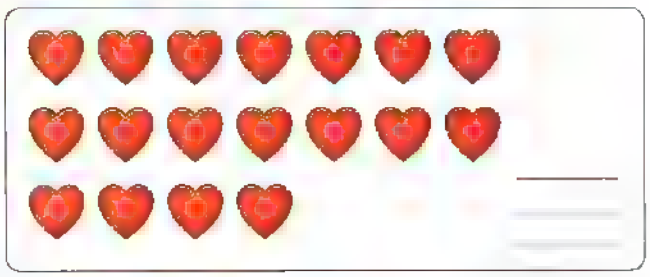
**6** Write a pair of addition and subtraction facts for each group of numbers.

| | |
|---|---|
| 7 | + = |
| 3 | + = |
| 10 | − = |
| | − = |

| | |
|---|---|
| 1 | + = |
| 4 | + = |
| 5 | − = |
| | − = |

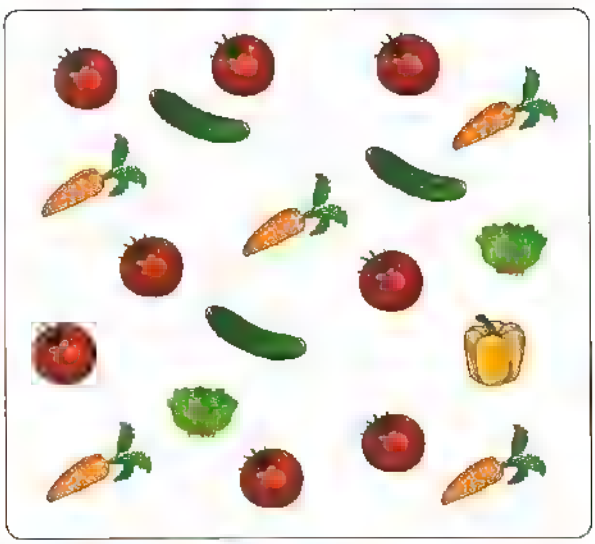
**7** Draw 2 more ♥, count, then write the total number.





**8** Color to show how many of each item.

| | | | | | |
|---|---|---|---|---|---|
| 10 | | | | | |
| 9 | | | | | |
| 8 | | | | | |
| 7 | | | | | |
| 6 | | | | | |
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | | | | |
| 1 | | | | | |
| | | | | | |



• Put ">,< or =".

- The number of ☐ the number of
- The number of ☐ the number of
- The number of ☐ the number of

# Assessment 5

**Write the missing numbers of each.**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 22 | 23 | ☐ | ☐ | 26 | ☐ | ☐ | ☐ |
| 9 | ☐ | 7 | 6 | ☐ | ☐ | ☐ | ☐ |
| ☐ | 20 | 30 | ☐ | ☐ | 60 | ☐ | ☐ |

Amir has 5 red fish. He also has 3 yellow fish.

**How many fish does he have in all?**

Amir has =

☐ + ☐ = ☐ fish.

**Join the equal results.**

| | |
|---|---|
| 8 – 2 | 2 + 1 |
| 4 + 1 | 4 – 0 |
| 6 – 3 | 3 + 3 |
| 2 + 2 | 9 – 1 |
| 5 + 3 | 10 – 5 |

**Cross out the item does not belong in each row.**

**Complete with a suitable number.**

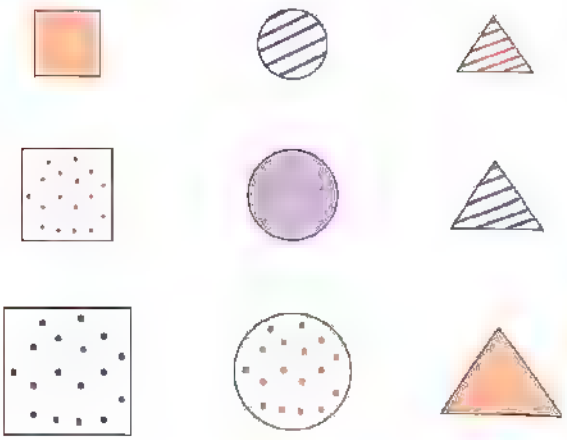
| | |
|---|---|
| ☐ > 5 | 10 < ☐ |
| ☐ = 8 | 2 > ☐ |

## 6 Write the times in two ways.

_____ o'clock

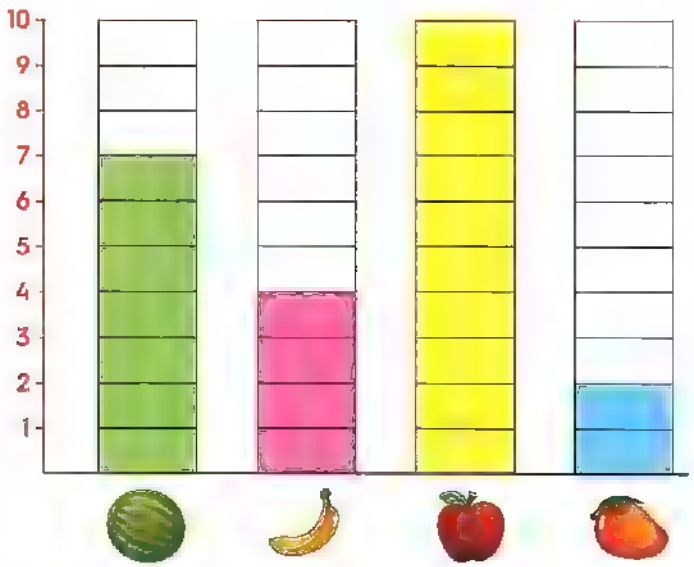
_____ o'clock

## 7 Circle the items having the same size (Large - Medium- Small).



## 8 Complete the table.

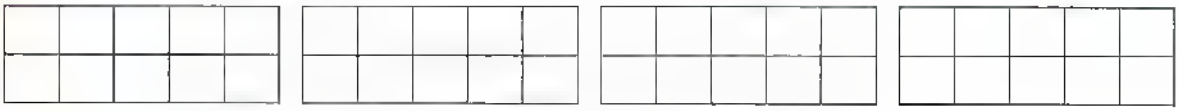
| Fruits | Number |
|---|---|
| | _____ |
| | |
| | |
| | |




## 9 Show the numbers in ten frames.

13

38



25

# Assessment 6

**1** Put the numbers in their correct places.

26 24

[ ] is greater than [ ]

38 37

[ ] is less than [ ]

**2** Arrange in a descending order.

21 , 8 , 37 , 20 , 73

The order is : ____ , ____ , ____ , ____ , ____

**3** Add or subtract.

| | | | | |
|---|---|---|---|---|
| 14 − 13 = | 10 + 5 = | 6 − 0 = | 3 + 2 = | 7 − 1 = |

8 − 8 = ____ | 20 − 10 = ____ | 4 + 7 = ____

**4** Draw ● according to the number.

| 25 | 16 | 32 | 44 |
|---|---|---|---|
| | | | |

**5** Write (✓) to the correct statement and (✗) to the incorrect statement.

a. 4 + 12 = 17 ( )

b. 14 + 5 = 19 ( )

c. 37 is 1 more than 36 ( )

d. 7 − 4 = 0 + 4 ( )

**6** Write the number that comes just after.

| | | | |
|---|---|---|---|
| 70 ____ | 24 ____ | 58 ____ | 36 ____ |

**7** Amgad is 9 years old. His brother Bassem is 6 years old.

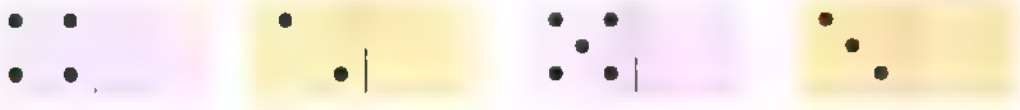
**Find the difference between their ages.**

The difference = ☐ − ☐ = ☐ years.

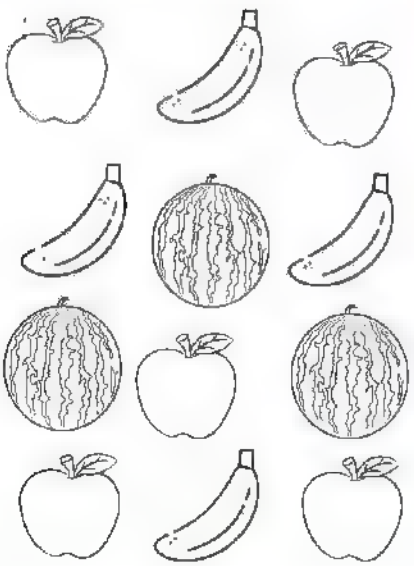
**8** Show the time 11:00 in two ways.

____ o'clock

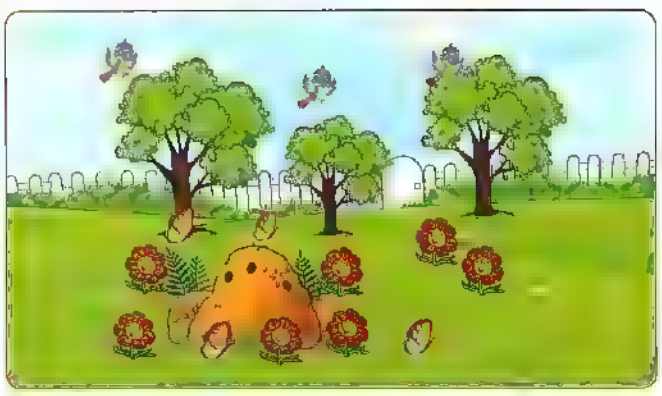
**9** Complete the dots to get 10.



**10** Color the objects with the same shape in the same color.



**11** Color one box for each item.



# Assessment 7

**1** Write a pair of addition and subtraction facts for each group of numbers.

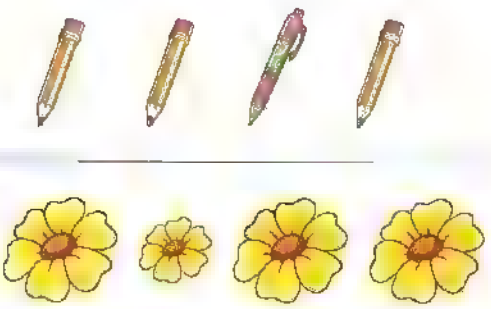
| 4 | 6 | 10 |
|---|---|---|
| ___ | + ___ | = ___ |
| ___ | + ___ | = ___ |
| ___ | − ___ | = ___ |
| ___ | − ___ | = ___ |

| 7 | 2 | 9 |
|---|---|---|
| ___ | + ___ | = ___ |
| ___ | + ___ | = ___ |
| | − | = |
| | − | = |

**2** Write the missing numbers.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 64 | ☐ | 66 | 67 | ☐ | 69 | ☐ | ☐ |
| 8 | 7 | ☐ | ☐ | 4 | 3 | ☐ | ☐ |
| 15 | ☐ | ☐ | 18 | 19 | ☐ | ☐ | ☐ |

**3** Circle the picture that is different.



**4** Put " + or − ".

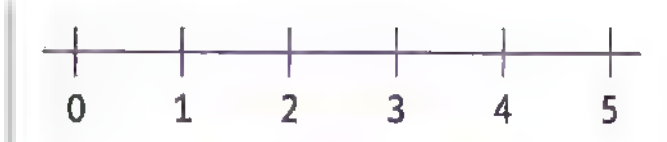
| | | | | |
|---|---|---|---|---|
| 6 | ☐ | 2 | = | 8 |
| 7 | ☐ | 4 | = | 3 |
| 0 | ☐ | 5 | = | 5 |
| 9 | ☐ | 7 | = | 2 |

**5** Circle the greater number.

**6** Circle the smaller number.

## 7 Circle the correct number on each number line.

One more than 3




One less than 5

## 8 Complete with a suitable number.

☐ < Seven

☐ = 35

40 > ☐

Eighteen < ☐

## 9 Read the time on analog clock, then show the time in two ways.

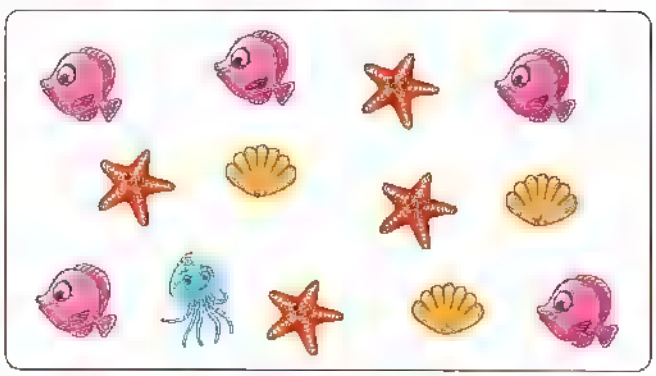
..... o'clock

:

..... o'clock

:

## 10 Use the following picture to complete the picture graph.



- **Choose :**

- The item has the most number is of.

- The item has the least number is of.

# Assessment 8

**1** **Complete with a suitable number.**

| | | | |
|---|---|---|---|
| ☐ comes just after | 24 | ☐ comes just before | 51 |
| ☐ is 1 more than | 39 | ☐ is 1 less than | 17 |

**2** **Match.**

06 : 00

4 o'clock

04 : 00

8 o'clock

08 : 00

6 o'clock

**3** **Put ">, = or <".**

| | | |
|---|---|---|
| Seven | ☐ | Seventeen |
| 2 + 10 | ☐ | 16 – 4 |
| Thirteen | ☐ | 5 + 9 |
| 20 – 5 | ☐ | Eighteen |

**4** Rana has 2 balls and her brother Eyad has 5 balls.

**How many balls are there in all ?**

The number of balls =

☐ + ☐ = ☐ balls.

**5** **Cross out the item does not belong in each row.**

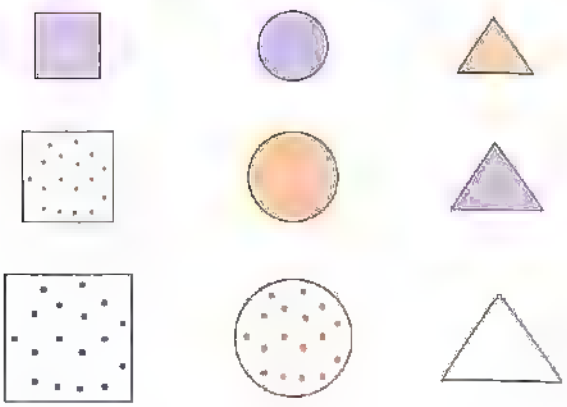
## 6 Show the numbers in ten frames.

34

57

25

## 7 Circle the items having the same shape (circles, squares, triangles).



## 8 Find the results.

| 15 | 9 | 8 |
|---|---|---|
| + 5 | − 7 | + 4 |
| | | |

3 − 3 = ____

6 + 4 = ____

2 + 16 = ____

17 − 3 = ____

## 9 Color to show how many of each item.

| | | | | |
|---|---|---|---|---|
| 10 | | | | |
| 9 | | | | |
| 8 | | | | |
| 7 | | | | |
| 6 | | | | |
| 5 | | | | |
| 4 | | | | |
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |
| | | | | |

- **Choose :** - The item there is the least of.

- The item there is the most of.

# Assessment 9

**1** Complete with a suitable number.

| | |
|---|---|
| 17 < ☐ | Ten > ☐ |
| ☐ > Twelve | ☐ = 9 |

**2** Adam had 10 balloons. 3 of them flew away.

**How many balloons are left?**

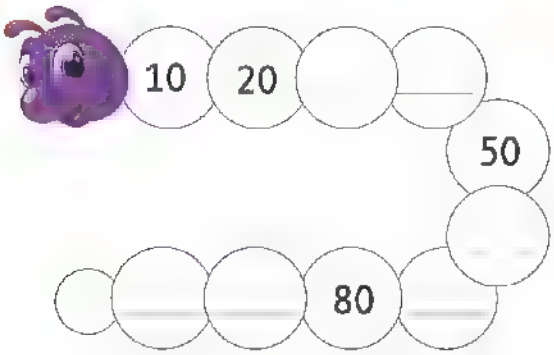
The number of left balloons =

☐ − ☐ = ☐ balloons.

**3** Draw ● according to the number.

| 24 | 62 | 37 | 50 |
|---|---|---|---|
| | | | |

**4** Count by 10's.




**5** Write the time on the analog clock in two ways.

_____ o'clock

**6** Complete the missing numbers.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 3 | | | | 7 | | | |
| | | | | 15 | | | | 19 | |
| 21 | | | | | | | | | 30 |
| | 32 | | | | 36 | | | | |

## 7 Arrange in an ascending order.

29 , 8 , 14 , 91 , 55

The order is : ___ , ___ , ___ , ___ , ___

## 8 Complete.

a. 37 comes just after _____

b. _____ comes just before 50

c. _____ is 1 more than 25

d. 73 is 1 less than _____

## 9 Match to get 10.

| | |
|---|---|
| 1 | 2 |
| 6 | 9 |
| 8 | 4 |
| 3 | 5 |
| 5 | 7 |

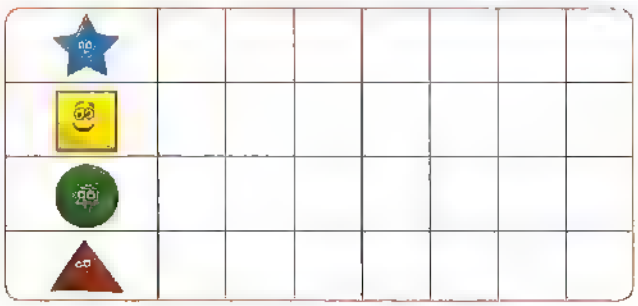
## 10 Find the results.

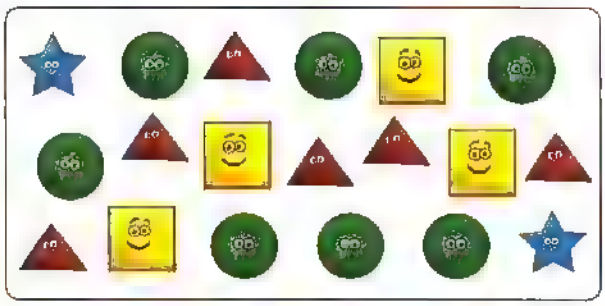
| 2 | 7 | 9 |
|---|---|---|
| + 1 | − 7 | + 5 |
| | | |

12 + 5 = _____ 4 − 0 = _____

18 − 8 = _____ 6 + 6 = _____

## 11 Use the following picture to complete the picture graph.





• Put ">,< or =".

- The number of ▲ ☐ the number of 🟨
- The number of 🟢 ☐ the number of ★
- The number of 🟨 ☐ the number of 🟢

# Assessment 10

**1** Draw more ♥ to show the written number.

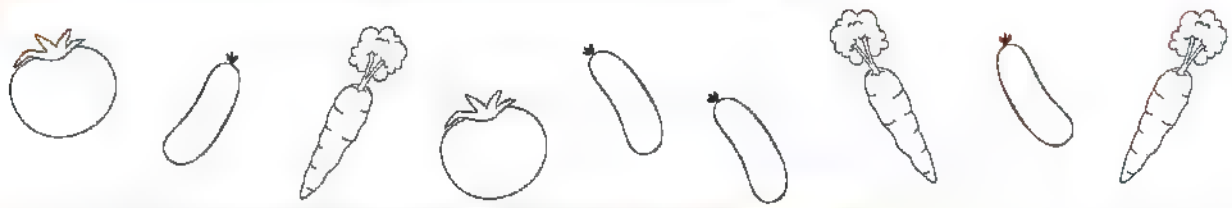
12

20

**2** Join the equal results.

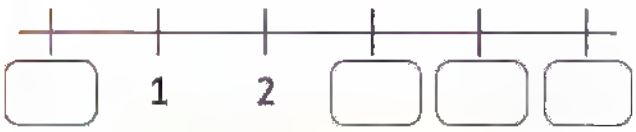
| | |
|---|---|
| 2 + 2 | 0 + 7 |
| 7 – 1 | 12 – 8 |
| 13 – 6 | 6 + 4 |
| 6 + 2 | 9 – 3 |
| 15 – 5 | 5 + 3 |

**3** Color the similar objects with the same color.



**4** Show the time 5 o'clock in the digital and analog clocks.

**5** Complete the number line.




**6** Put the numbers in their correct places.

9 and 14

☐ is less than ☐

5 and 8

☐ is greater than ☐

16 and 10

☐ is less than ☐

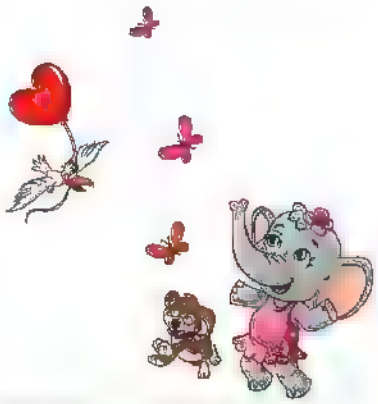
19 and 12

☐ is greater than ☐

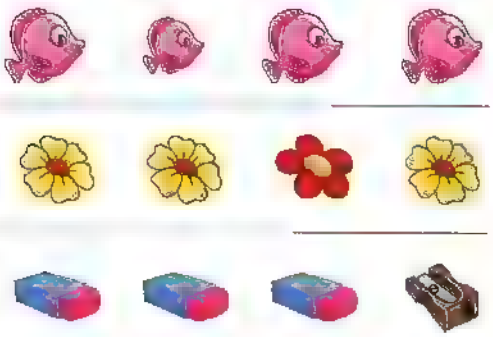
**7** Write a pair of addition and subtraction facts for each group of numbers.

| 8 | 2 | 10 |
|---|---|---|
| | + | = |
| | + | = |
| | − | = |
| | − | = |

| 4 | 5 | 9 |
|---|---|---|
| | + | = |
| | + | = |
| | − | = |
| | − | = |



**8** Circle the different item in each row.



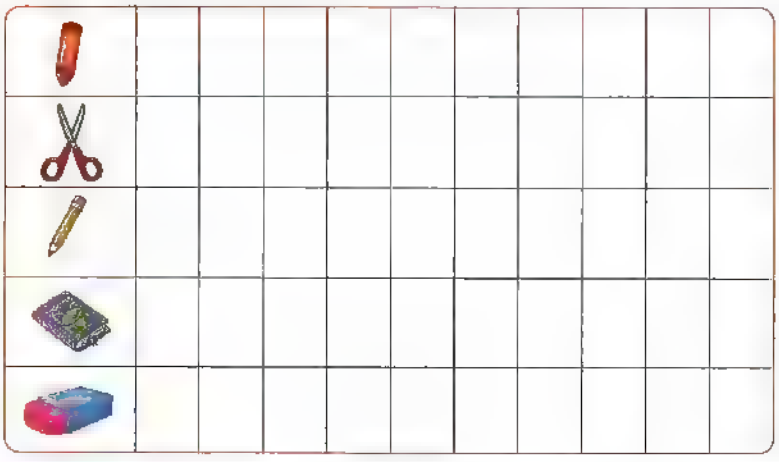
**9** Yousra has 3 oranges and Hany has 4 oranges.

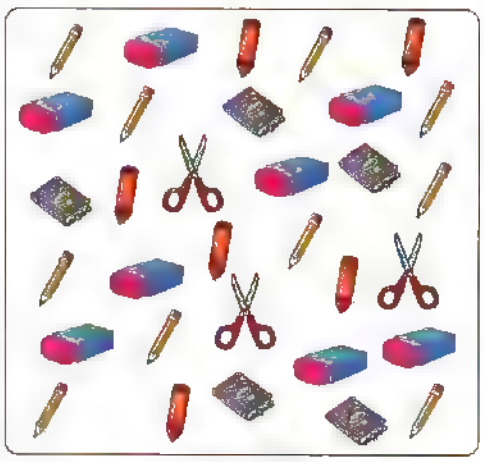
**How many oranges do they both have?**

They both have =

☐ + ☐ = ☐ oranges.

**10** Color one box for each item to show how many.





• **Circle:**

- Which item there is the most of ?

- Which item there is the least of ?

# Mathematics

FREE PART

DISCOVER

1st PRIMARY
FIRST TERM
2024

# ANSWERS

## of Parents' Guide

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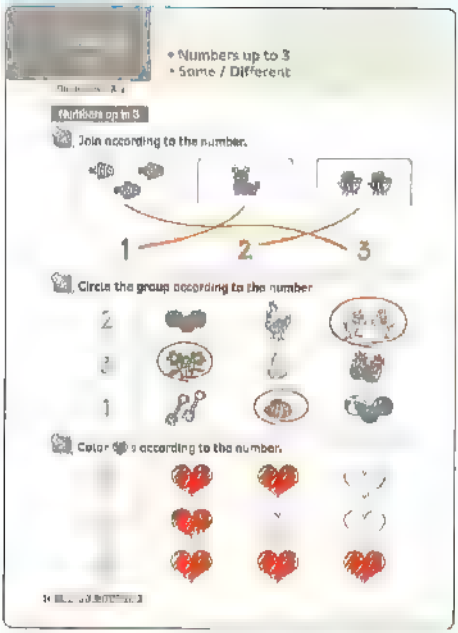


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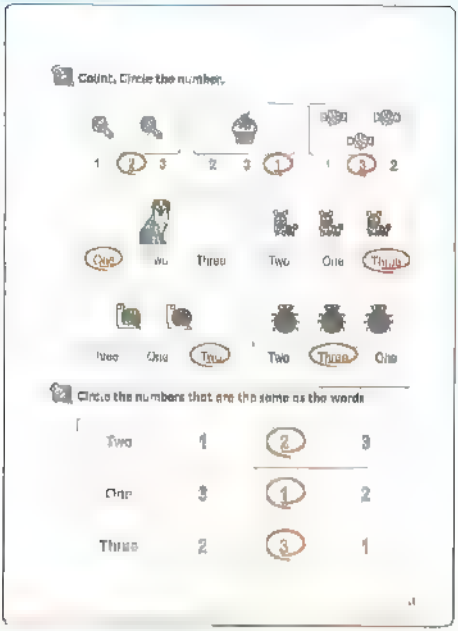


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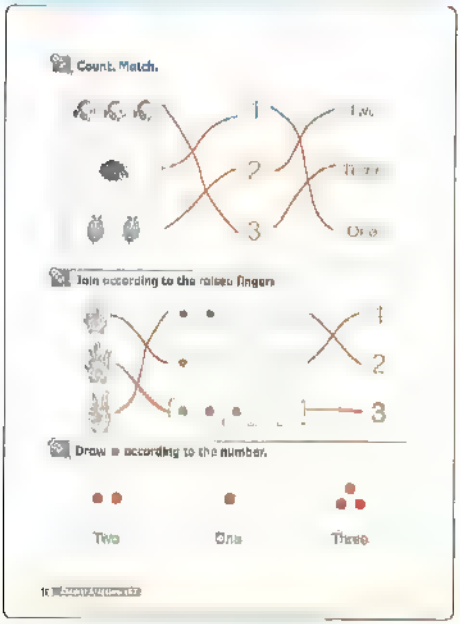


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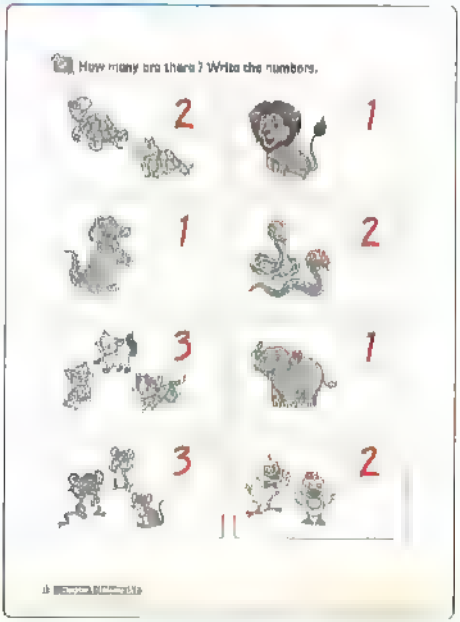
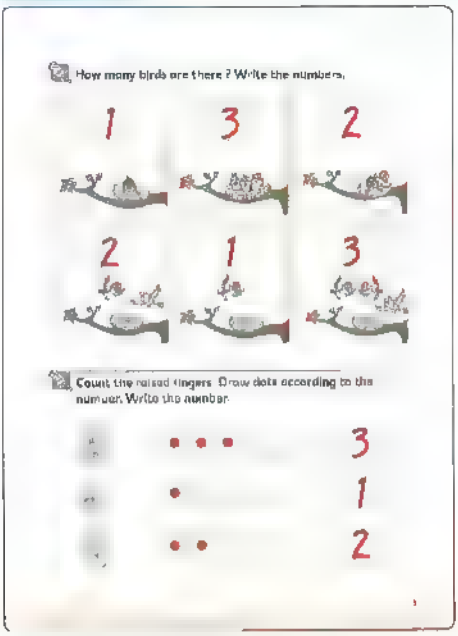
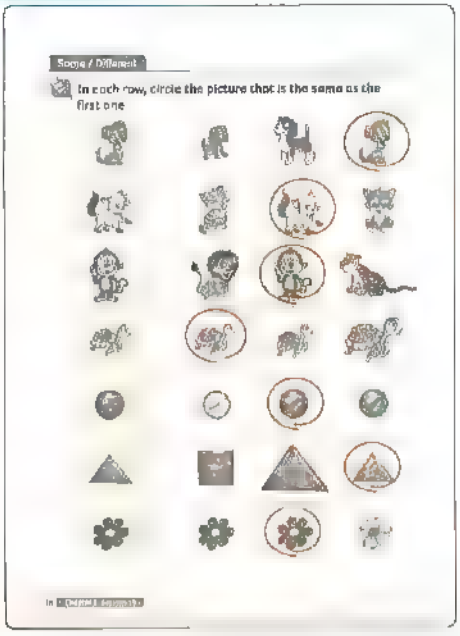


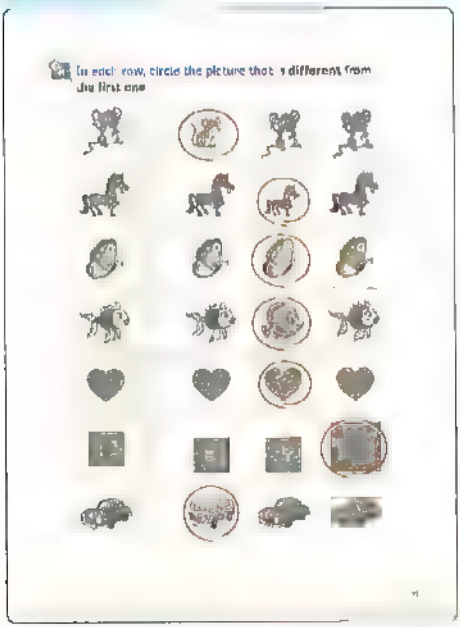
## Page 19



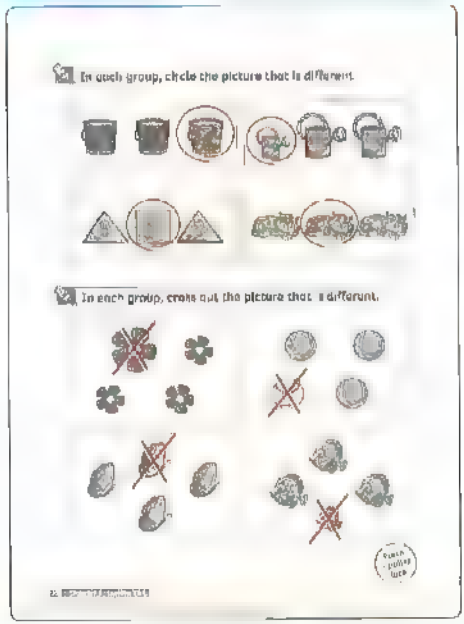

## Page 20



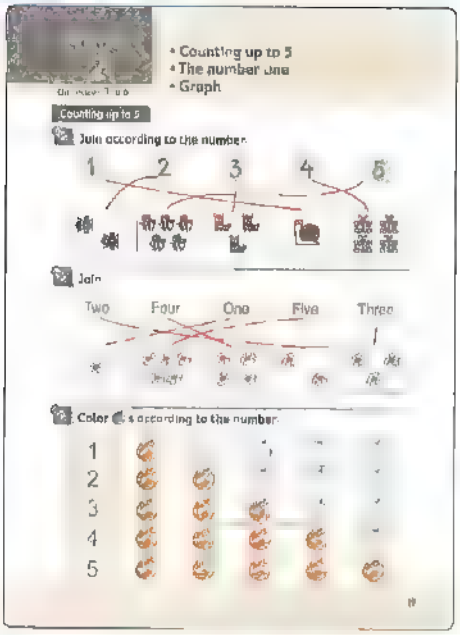

## Page 21



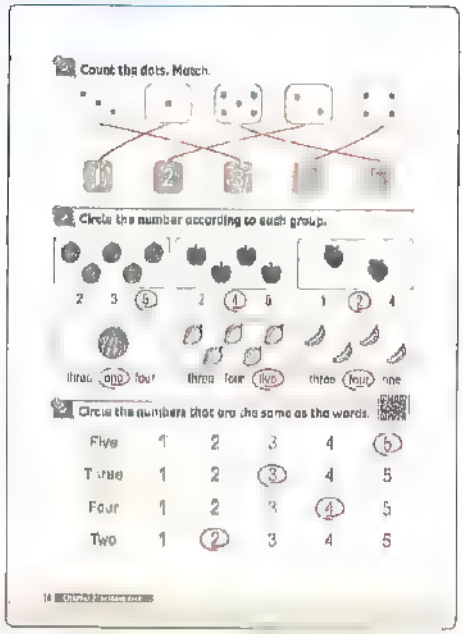

## Page 22



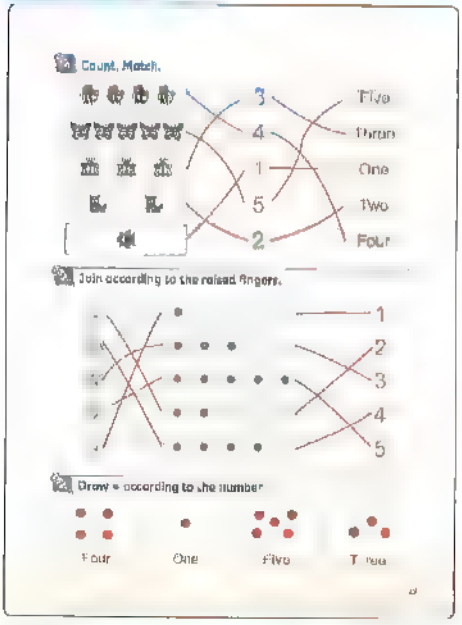
## Page 27



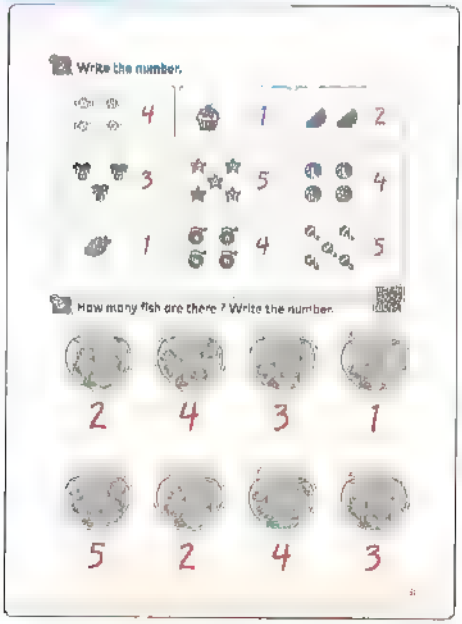

## Page 28



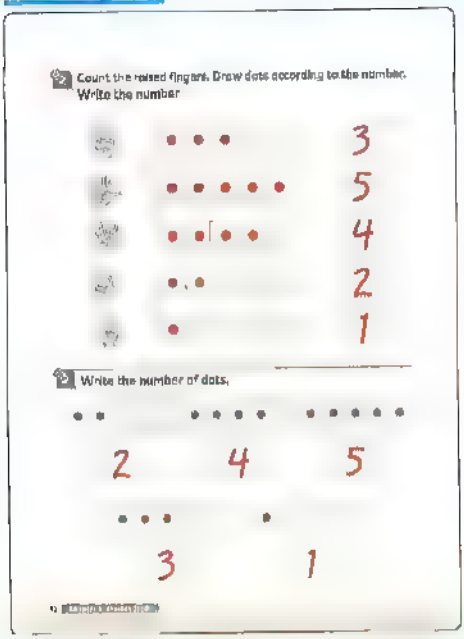

## Page 29




## Page 31



## Page 32



Count the raised fingers. Draw dots according to the number. Write the number

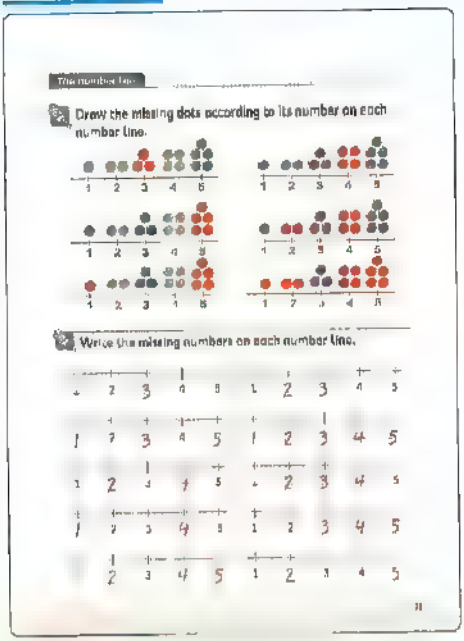
3
5
4
2
1

Write the number of dots.

2 4 5

3 1

## Page 33

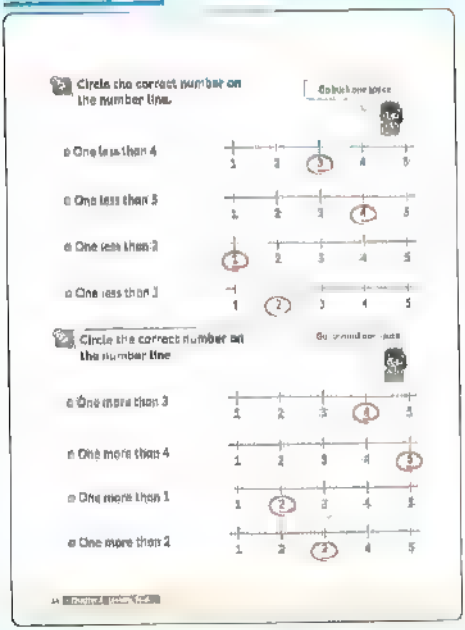


The number line

Draw the missing dots according to its number on each number line.

Write the missing numbers on each number line.

## Page 34



Circle the correct number on the number line.

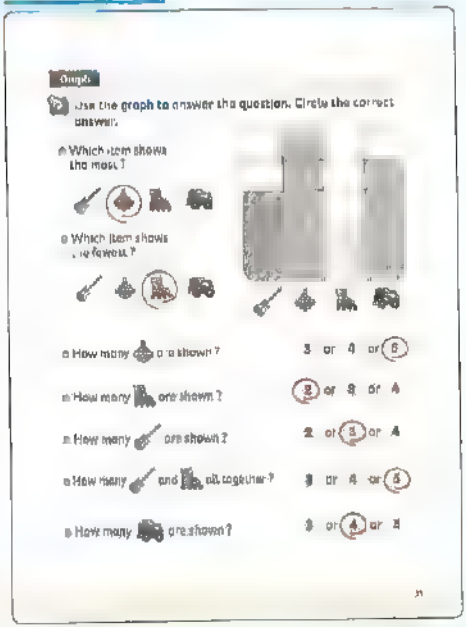
Go back one space

- One less than 4
- One less than 5
- One less than 2
- One less than 3

Circle the correct number on the number line

- One more than 3
- One more than 4
- One more than 1
- One more than 2

## Page 35



Graph

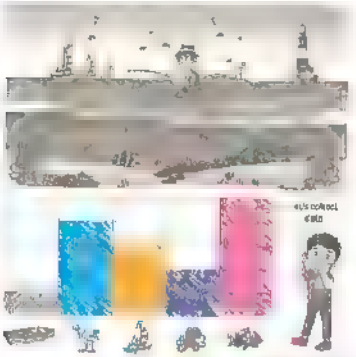
Use the graph to answer the question. Circle the correct answer.

- Which item shows the most ?
- Which item shows the fewest ?

- How many are shown ? 3 or 4 or 5
- How many are shown ? 2 or 3 or 4
- How many are shown ? 2 or 3 or 4
- How many and all together ? 3 or 4 or 5
- How many are shown ? 3 or 4 or 5

## Page 36

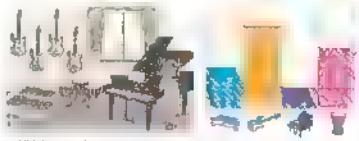
Color to show how many of each item.



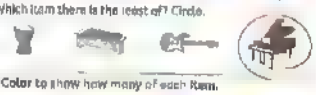
Circle which item there is the most of.

## Page 37

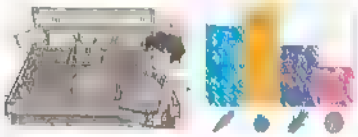
Color to show how many of each item.



Which item there is the least of? Circle.



Color to show how many of each item.



Which item there is the most of? Circle.

## Page 40

- Number 0
- Reviewing numbers from 1 to 5

Join.

One Four Zero Two Five Three

5 3 0 4 2 1

Join.

0 1 2 3 4 5

Four Three Five Zero Two One

Write the numbers.

## Page 41

How many birds are there? Write the numbers.

Write the number of raised fingers.

## Page 42

Write the number that shows how many.

1 4 3

2 5 4

Count the number of dots on each hat. Write the number.

0 3 5 2 1 4

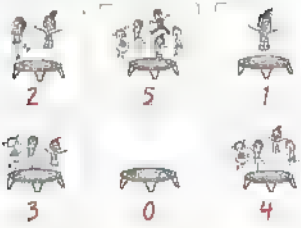
Count the number of dots in each frame. Write the number.

5 2 0

3 4 1

## Page 43

Count and write the number of children.



2 5 1

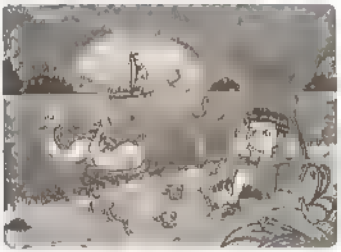
3 0 4

Discover the differences and choose their number.

1 2 3 (4) 5

## Page 44

Count. Write the number of each item.



4 2

2 1

0 1

1 5

## Page 45

How many?

5 4

2 1

3 0

## Page 46

Cross out the extra items to get the written number.
Write the number of items you crossed.

| | | Cross out |
|---|---|---|
| 3 | | 2 |
| 2 | | 4 |
| 1 | | 1 |
| 4 | | 0 |
| 5 | | 1 |

Complete drawing ♡s to get the written number.
Write the number of ♡s you drew.

| | | |
|---|---|---|
| 4 | 2 | 3 |
| 3 | 0 | 2 |
| 5 | 1 | 5 |
| 4 | 0 | 2 |

## Page 47

Chapter 1

Use the color codes to color the parrot.

## Page 48

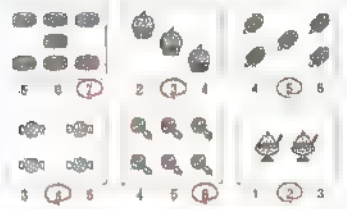
Color the spaces using the color codes.

5 ___ 0 Brown 1 Orange
3 Blue 2 Grey 4 Pink

Page 52

Exercise 4 Numbers 6 & 7

Count. Choose the number.



Circle the number of raised fingers.

Page 53

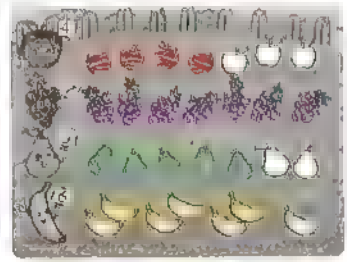
Join each picture with the suitable number.

Count. Circle the number.

Page 54

Ring items according to the written number.

Color the amounts shown on the tags.



Page 56

Write the number that shows how many.

Count. Write the number of dots in the frames.

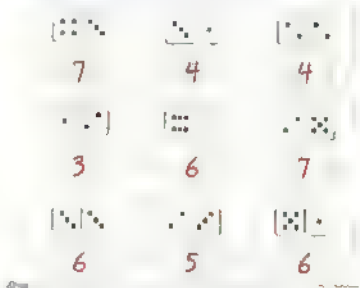
## Page 57

Write the number of raised fingers.

Count. Write the number of animals.

## Page 58

Write the number of dots in each domino.




Count. Draw ● according to the number.

## Page 59

Draw ♡ according to the number.

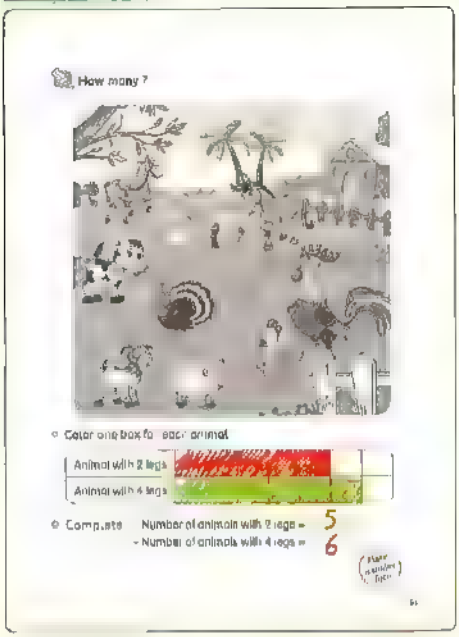
Draw to get the written number. Write how many items you drew.

## Page 60

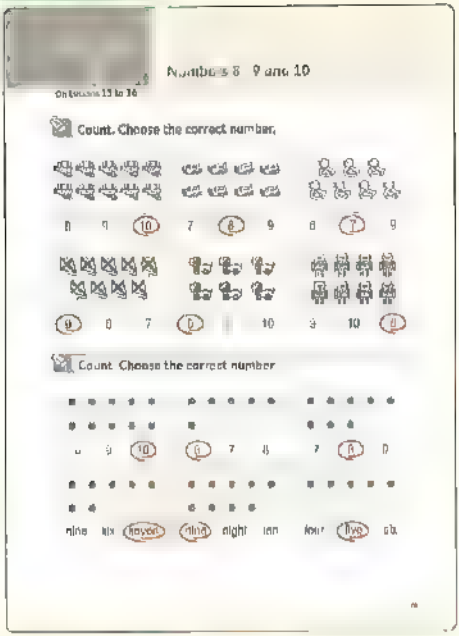
Cancel to get the written number.

Cancel 1 item in each group. Write the number of the left items.

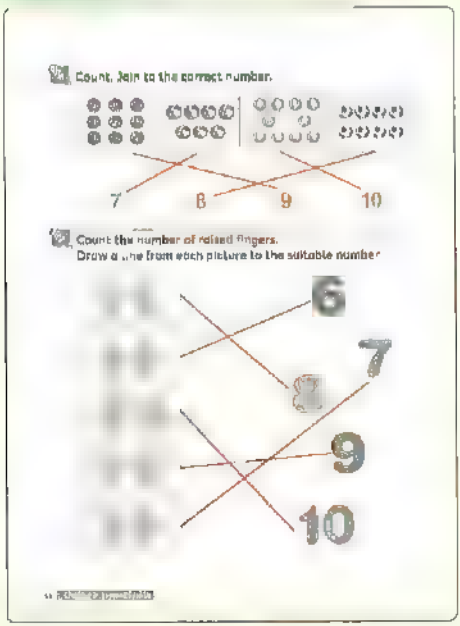
Page 61



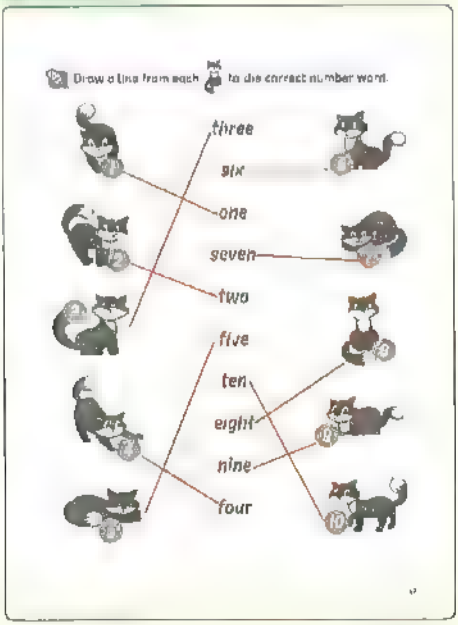

Page 65



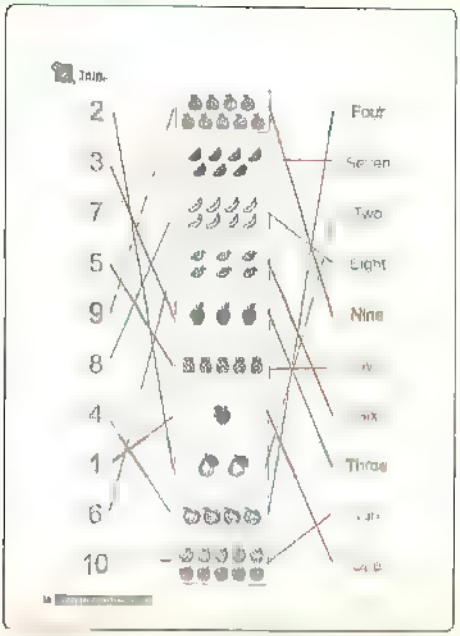

Page 66



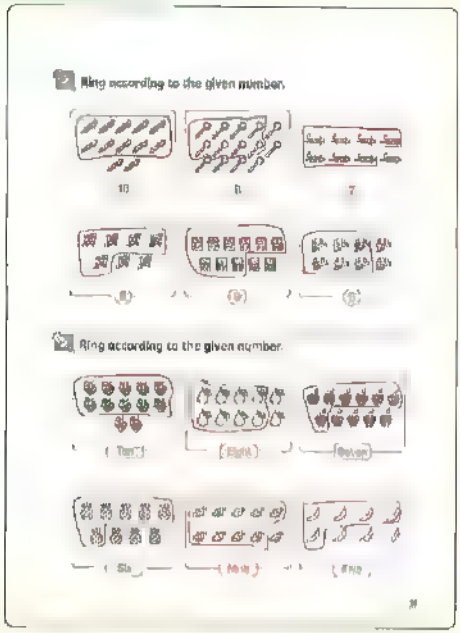

Page 67



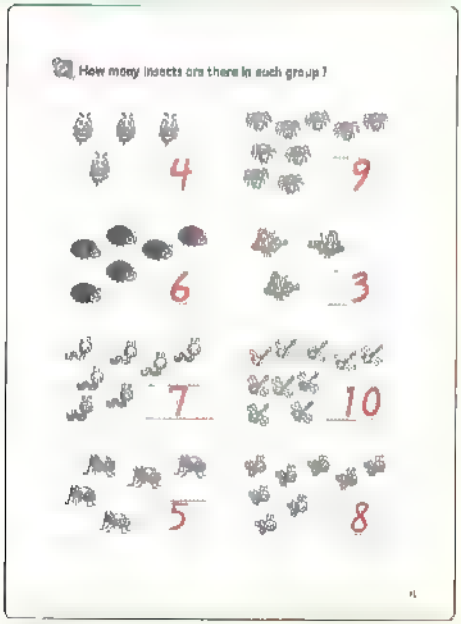
Page 68



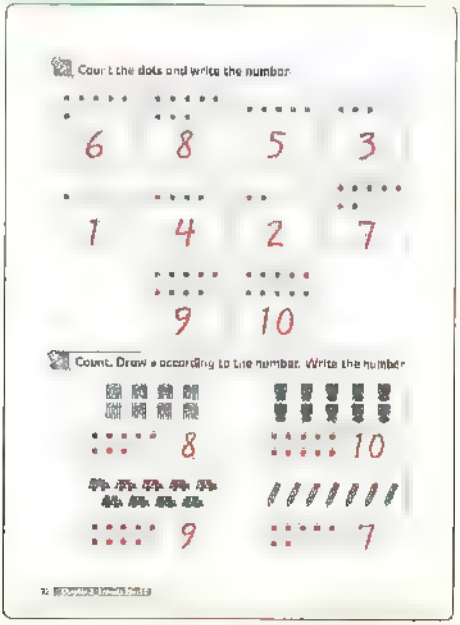

Page 69




Page 71




Page 72



Page 73

Complete drawing to get 10 items.
Write the number of items you drew.

7

5

6

9

Match to make a 10.

Page 74

Jungle count

Circle how many you see on BOTH PAGES.

a How many are there?

b How many are there?

c How many are there?

d How many are there?

e How many are there?

| | | |
|---|---|---|
| (4) | 5 | 6 |
| 5 | (8) | 7 |
| (2) | 3 | 4 |
| 7 | 8 | (9) |
| 8 | 9 | (10) |

Page 75

Color one box for each insect you see on both pages.

Circle which insect there is the most of.

Page 78

- One more / One less
- Comes just after / Comes just before

One more / One less

Count. Write the number. Circle the number that is 1 more as the example.

5 4

3 2

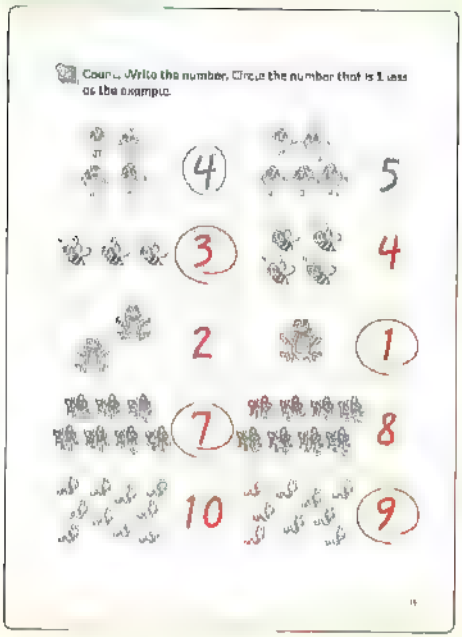
5 6

10 9

7 8

## Page 79

Count. Write the number. Circle the number that is 1 less as the example.




## Page 80

Count. Write the number. Color the group that has one more object than the other.

Count. Write the number. Color the group that has one less object than the other.

## Page 81

Write the number that is 1 more than the written number.

7 8 2 3 5 6

6 7 8 9 1 2

3 4 9 10 4 5

Write the number that is 1 less than the written number.

2 3 5 6 9 10

4 5 8 9 1 2

3 4 7 8 6 7

## Page 82

Compute.

- 7 is 1 less than 8
- 6 is 1 less than 7
- 1 is 1 less than 2
- 4 is 1 more than 5
- 8 is 1 more than 7
- 5 is 1 more than 4
- 4 is 1 less than 5
- 9 is 1 less than 10
- 0 is 1 less than 1
- 9 is 1 more than 8
- 10 is 1 more than 9
- 4 is 1 more than 3

Complete.

- 3 is 1 more than 2
- 4 is 1 more than 3
- 6 is 1 less than 7
- 2 is 1 less than 3
- 8 is 1 more than 7
- 5 is 1 less than 6
- 6 is 1 more than 5
- 7 is 1 more than 6
- 4 is 1 less than 5
- 0 is 1 less than 1
- 9 is 1 more than 8
- 8 is 1 less than 9

## Page 83

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 2 is 1 more than 1 (✓)
- 5 is 1 more than 6 (✗)
- 7 is 1 less than 6 (✗)
- 8 is 1 more than 7 (✓)
- 9 is 1 less than 10 (✓)
- 4 is 1 less than 3 (✗)

Choose less or more.

| | |
|---|---|
| 5 is one than 7 (less) more | 3 is one than 4 (less) more |
| 10 is one than 9 less (more) | 1 is one than 2 (less) more |
| 8 is one than 7 less (more) | 5 is one than 6 (less) more |
| 2 is one than 3 (less) more | 7 is one than 8 less (more) |
| 4 is one than 3 less (more) | 0 is one than 1 (less) more |

## Page 84

Comes just after / Comes just before

Write the number that comes just after

| | | | | | |
|---|---|---|---|---|---|
| 3 | 4 | 4 | 5 | 8 | 9 |
| 7 | 8 | 9 | 10 | 0 | 1 |
| 5 | 6 | 6 | 7 | 1 | 2 |

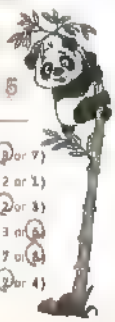
Write the number that comes just before.

| | | | | | |
|---|---|---|---|---|---|
| 2 | 3 | 3 | 4 | 7 | 8 |
| 6 | 7 | 8 | 9 | 1 | 2 |
| 4 | 5 | 5 | 6 | 0 | 1 |

## Page 85

Join.

| | |
|---|---|
| 8 comes just after | 6 |
| 9 comes just before | 4 |
| 7 comes just after | 10 |
| 4 comes just before | 1 |
| 2 comes just after | 8 |
| 7 comes just before | 5 |



Choose the correct answer.

- 9 comes just after ... (10 or 8 or 7)
- 3 comes just before ... (4 or 2 or 1)
- 1 comes just before (0 or 2 or 3)
- ... comes just after 5 (4 or 3 or 6)
- ... comes just before 9 (10 or 7 or 8)
- ... comes just after 6 (5 or 7 or 4)

## Page 86

Complete.

- 5 comes just before 6
- 10 comes just after 9
- 3 comes just after 2
- 8 comes just before 9
- 6 comes just before 7
- 4 comes just after 3
- 9 comes just after 8
- 2 comes just before 1

Choose after or before.

| | |
|---|---|
| 6 comes just 5 before (after) | 9 comes just 10 before (after) |
| 7 comes just 8 after (before) | 2 comes just 1 after (before) |
| 7 comes just 6 before (after) | 3 comes just 4 after (before) |
| 1 comes just 0 after (before) | 4 comes just 5 before (after) |

Page 87

Write the missing numbers.

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 4 | 5 | 6 | 7 | 8 | 9 |
| 5 | 6 | 7 | 8 | 9 | 10 |
| 0 | 1 | 2 | 3 | 4 | 5 |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 5 | 6 | 7 | 8 | 9 | 10 |
| 3 | 4 | 5 | 6 | 7 | 8 |

Page 88

Art Corner Chapter 2

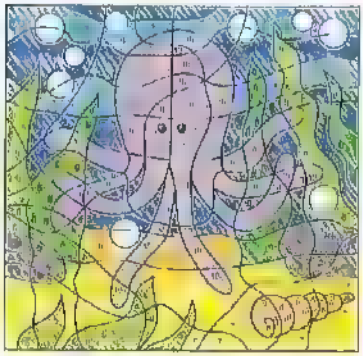
Color the picture.

1 [illegible] 2 Orange 3 Green 4 Pink 5 Red

6 Blue 7 Purple 8 Brown 9 Black

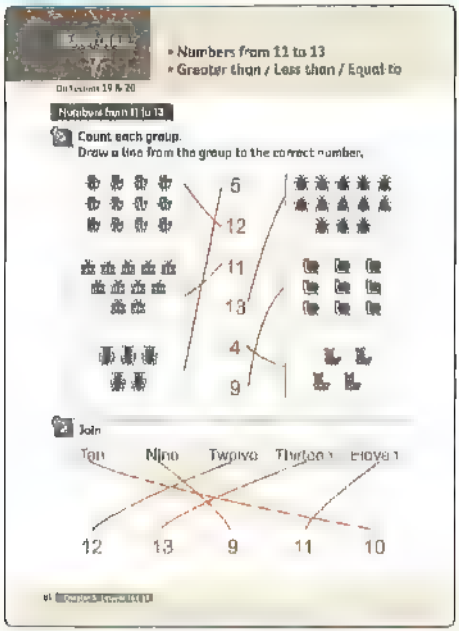
Page 89

Color the picture according to the coloring key

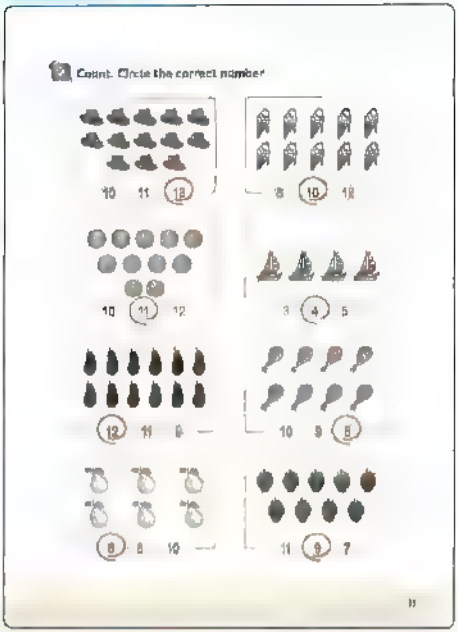


3 5 7

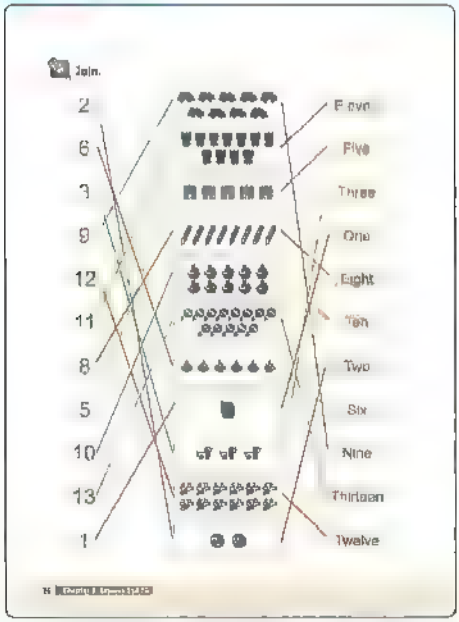
## Page 94



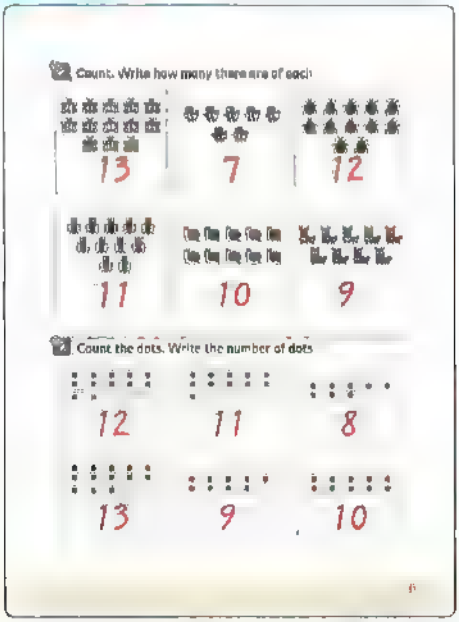

## Page 95



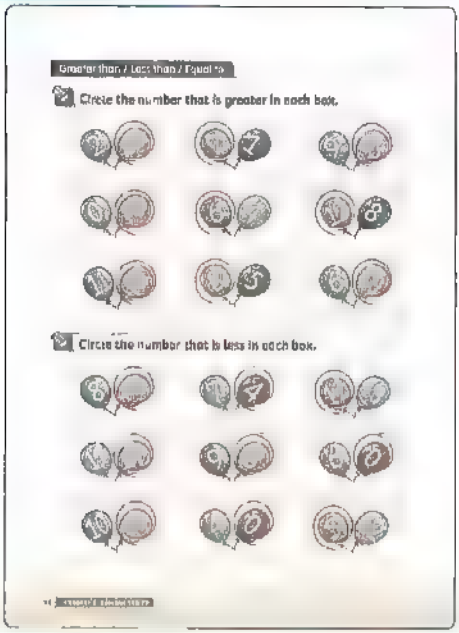

## Page 96



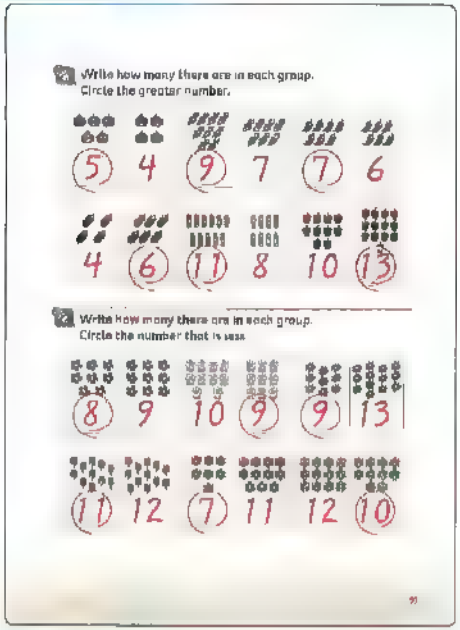

## Page 97



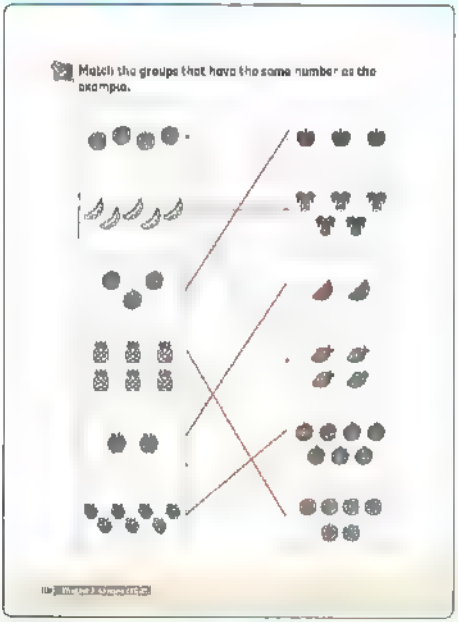
## Page 98



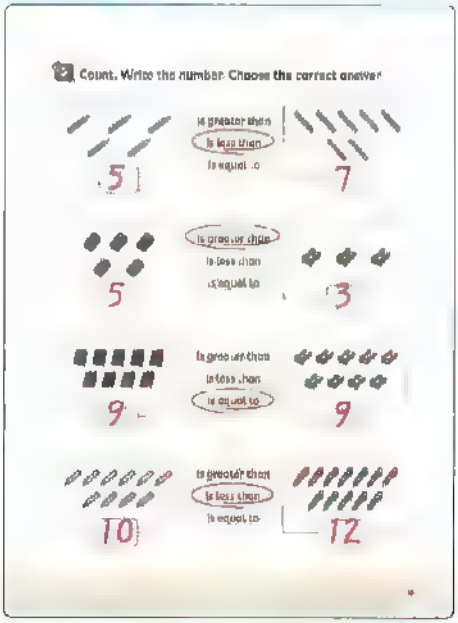

## Page 99



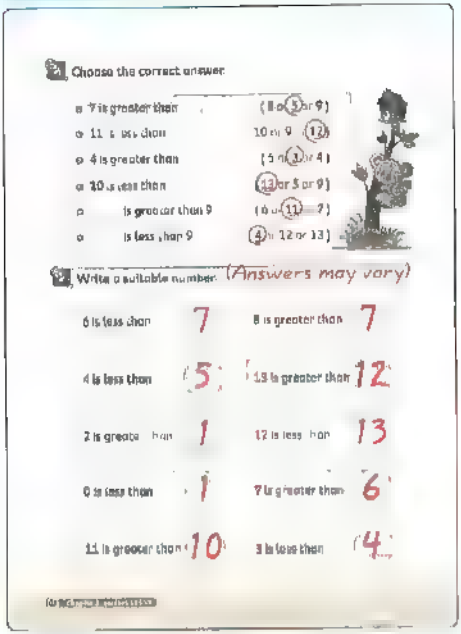

## Page 100




## Page 101



## Page 102



Choose the correct answer.

- 7 is greater than (8 or 5 or 9)
- 11 is less than (10 or 9 or 12)
- 4 is greater than (5 or 3 or 4)
- 10 is less than (13 or 5 or 9)
- is greater than 9 (6 or 11 or 7)
- is less than 9 (4 or 12 or 13)

Write a suitable number. (Answers may vary)

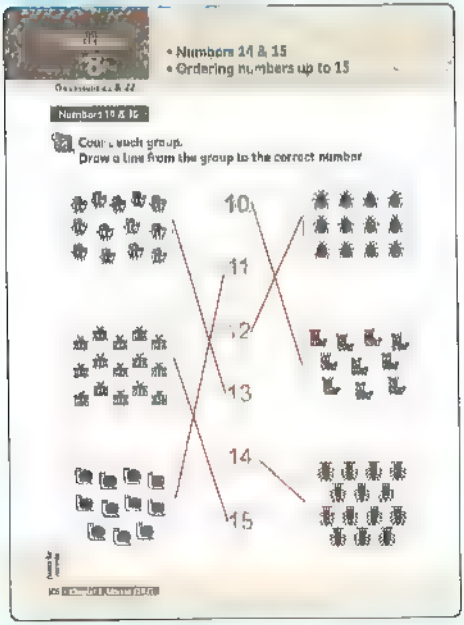
| | | | |
|---|---|---|---|
| 6 is less than | 7 | 8 is greater than | 7 |
| 4 is less than | 5 | 13 is greater than | 12 |
| 2 is greater than | 1 | 12 is less than | 13 |
| 0 is less than | 1 | 7 is greater than | 6 |
| 11 is greater than | 10 | 3 is less than | 4 |

## Page 103

Put the numbers in their correct places.

| | | | |
|---|---|---|---|
| 3 6 | 6 is greater than 3 | 4 9 | 4 is less than 9 |
| 10 12 | 12 is greater than 10 | 8 10 | 8 is less than 10 |
| 9 5 | 9 is greater than 5 | 11 7 | 7 is less than 11 |
| 7 8 | 8 is greater than 7 | 13 3 | 3 is less than 13 |
| 4 13 | 13 is greater than 4 | 12 11 | 11 is less than 12 |

## Page 106



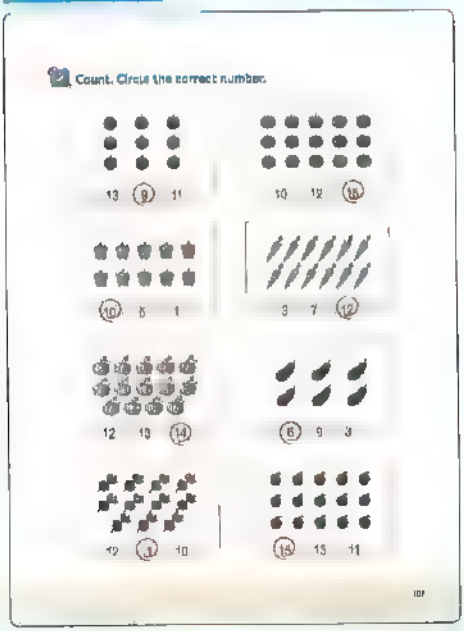
- Numbers 14 & 15
- Ordering numbers up to 15

Numbers 14 & 15

Count each group.
Draw a line from the group to the correct number.

10
11
12
13
14
15

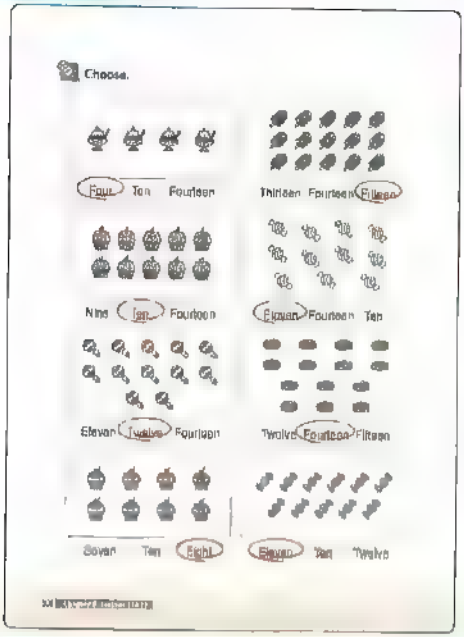
## Page 107



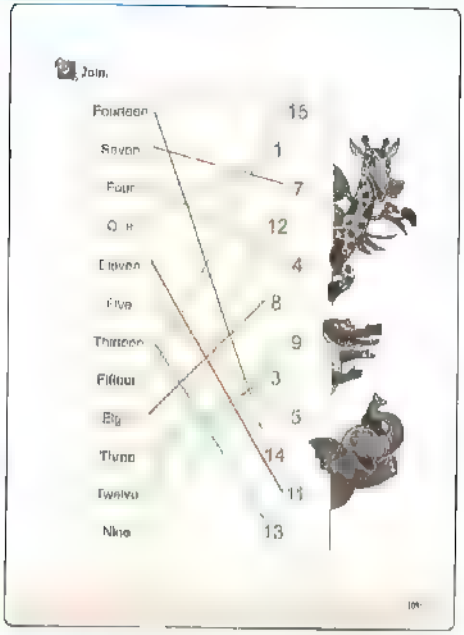
Count. Circle the correct number.

13 9 11
10 12 15
10 5 1
3 7 12
12 13 14
6 9 3
12 1 10
14 13 11

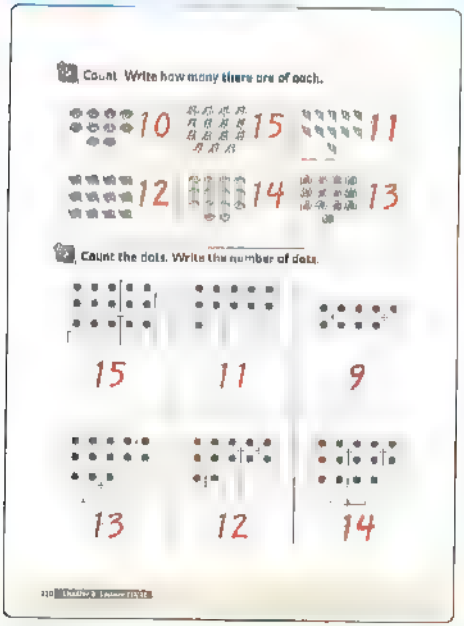
## Page 108



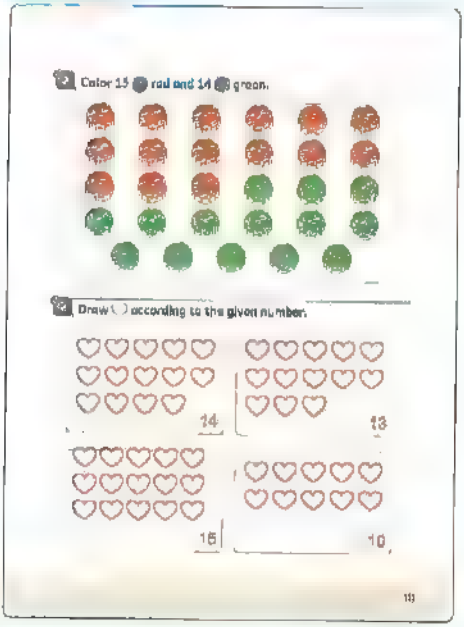

## Page 109




## Page 110




## Page 111



## Page 112

Write the missing numbers in each train.

0 1 2 3 4 5 6

4 5 6 7 8 9 10

6 7 8 9 10 11 12

7 8 9 10 11 12 13

9 10 11 12 13 14 15

Write the missing numbers on each number line.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

4 5 6 7 8 9 10 11 12 13 14 15

7 8 9 10 11 12 13 14 15

5 6 7 8 9 10 11 12 13 14 15

## Page 113

Arrange the numbers from the smallest to the greatest.

5 7 9 12
smallest greatest

4 6 8 13
smallest greatest

1 2 3 10 15
smallest greatest

0 9 11 12 14
smallest greatest

Order the numbers from the greatest to the smallest.

13 8 7 2
greatest smallest

15 12 9 1
greatest smallest

14 11 10 5 4
greatest smallest

15 12 6 3 0
greatest smallest

## Page 114

Arrange in an ascending order.

2 9 11 15

0 7 10 14

2 6 7 8 12

5 6 9 10 15

3 9 10 12 14

Arrange in a descending order.

13 11 6 3

14 9 8 1

15 12 10 9 2

14 13 10 5 0

15 11 9 7 5

## Page 115

Complete.

- 12 comes just after 11
- 13 comes just before 14
- 11 comes just after 10
- 12 is 1 less than 13
- 10 is 1 more than 9
- 15 is 1 more than 14
- 14 comes just after 13
- 14 comes just before 15
- 14 comes just before 15
- 14 is 1 less than 15
- 11 is 1 less than 12
- 11 is 1 more than 10

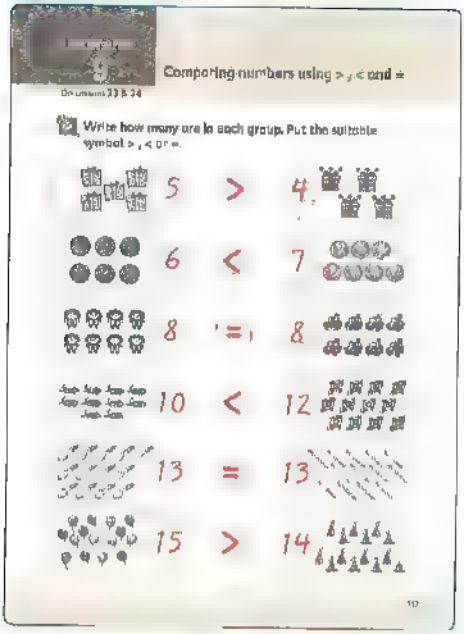
Write (✓) to the correct statement and (✗) to the incorrect statement.

- 15 is greater than 11 (✓)
- 14 is smaller than 10 (✗)
- 10 is 1 less than 9 (✗)
- 2 is 1 more than 13 (✓)
- 15 comes just before 14 (✗)
- 13 comes just after 14 (✗)
- 10 comes just before 11 (✓)
- 11 is 1 less than 10 (✗)

Choose.

- Which of the following are arranged in an ascending order?
  7,9,12 or 15,9,4 or 6,9,8
- Which of the following are arranged in a descending order?
  10,7,12 or 12,5,1 or 6,3,4

## Page 117



Comparing numbers using > , < and =

Write how many are in each group. Put the suitable symbol > , < or =.

5 > 4

6 < 7

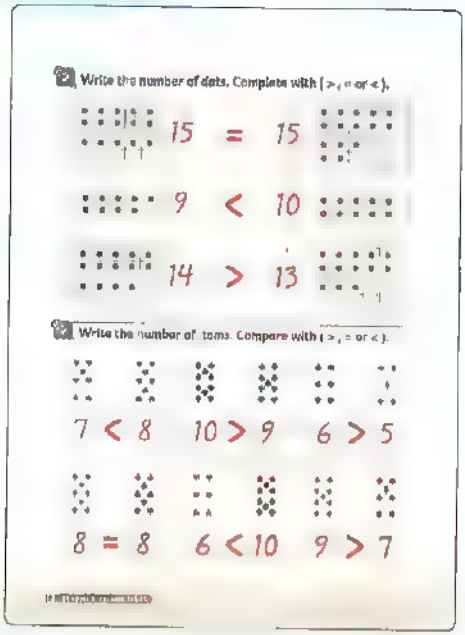
8 = 8

10 < 12

13 = 13

15 > 14

## Page 118



Write the number of dots. Complete with ( > , = or < ).

15 = 15

9 < 10

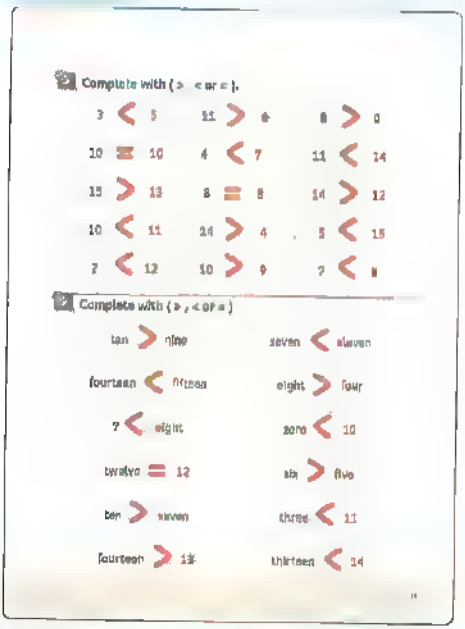
14 > 13

Write the number of items. Compare with ( > , = or < ).

7 < 8 10 > 9 6 > 5

8 = 8 6 < 10 9 > 7

## Page 119



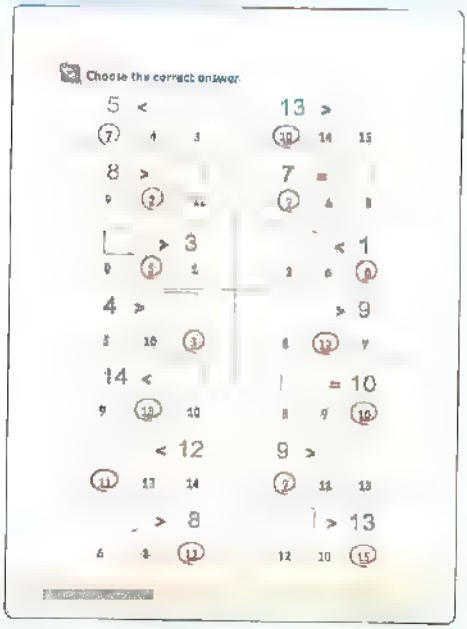
Complete with ( > , < or = ).

| | | |
|---|---|---|
| 3 < 5 | 11 > 6 | 8 > 0 |
| 10 = 10 | 4 < 7 | 11 < 14 |
| 15 > 13 | 8 = 8 | 14 > 12 |
| 10 < 11 | 14 > 4 | 5 < 15 |
| 7 < 12 | 10 > 9 | 7 < 8 |

Complete with ( > , < or = )

| | |
|---|---|
| ten > nine | seven < eleven |
| fourteen < fifteen | eight > four |
| 7 < eight | zero < 10 |
| twelve = 12 | six > five |
| ten > seven | three < 11 |
| fourteen > 13 | thirteen < 14 |

## Page 120



Choose the correct answer.

| | |
|---|---|
| 5 < (7) 4 3 | 13 > (10) 14 15 |
| 8 > 9 (2) 11 | 7 = (7) 6 8 |
| > 3 9 (5) 1 | < 1 3 6 (0) |
| 4 > 5 10 (3) | > 9 8 (12) 7 |
| 14 < 9 (13) 10 | = 10 8 9 (10) |
| < 12 (11) 13 14 | 9 > (7) 11 13 |
| > 8 6 8 (12) | > 13 12 10 (15) |

## Page 121

Draw a suitable number of items as in the example.

(Answers may vary)

Complete with a suitable number.

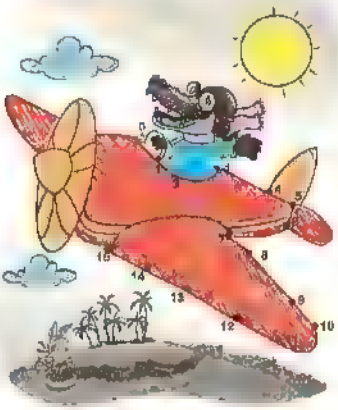
| | | |
|---|---|---|
| 8 < 10 | 15 > 13 | 13 < 14 |
| 13 > 11 | 14 = 14 | 12 > 10 |
| 9 < 10 | 2 > 0 | 5 < 7 |
| 13 = 13 | 6 < 7 | 11 > 9 |

(Answers may vary)

## Page 122

Art Corner — Chapter 3

Connect the dots from 0 to 15. Color the picture.

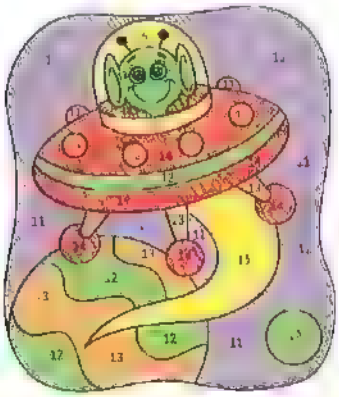


## Page 123

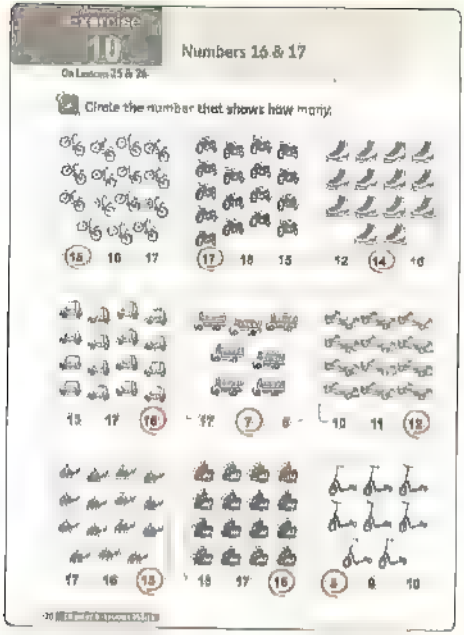
Color the spaces.

11 Purple 12 Green 13 Orange

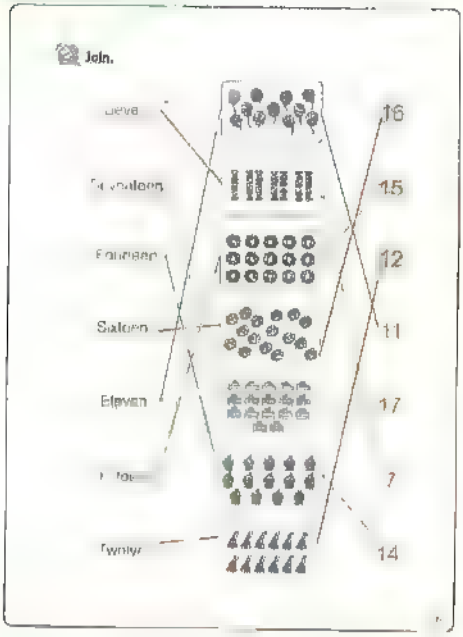
14 Red 15



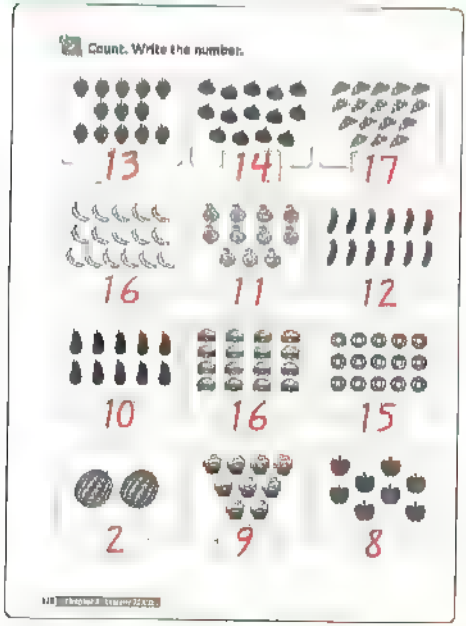
Page 126



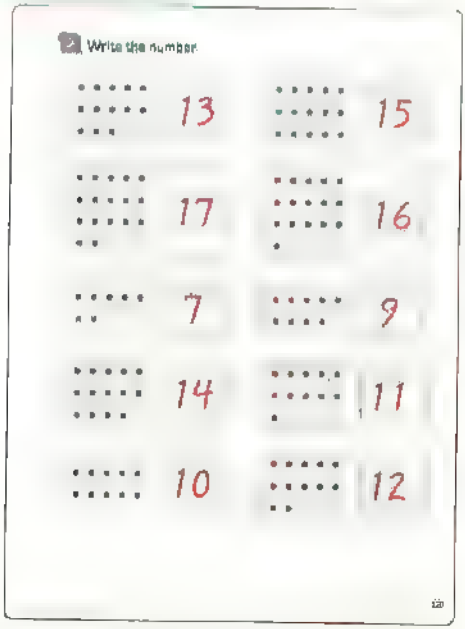

Page 127



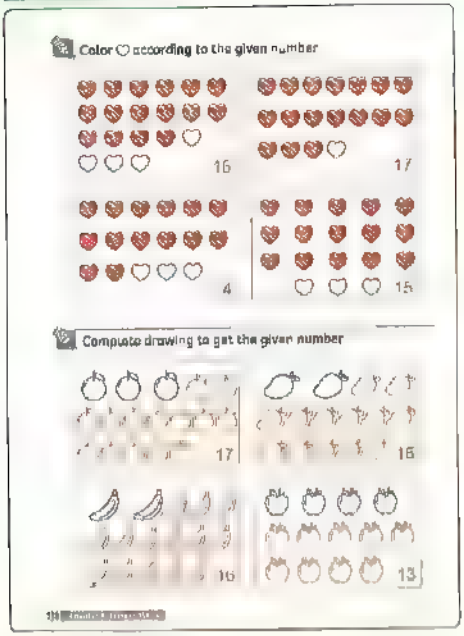

Page 128




Page 129



## Page 130

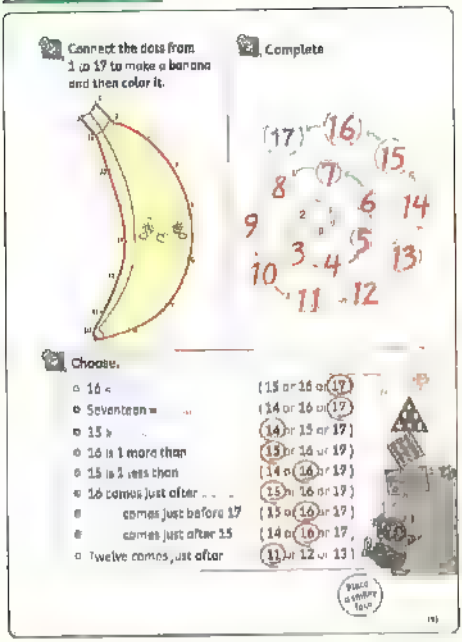

Color ○ according to the given number

16 17 4 15

Complete drawing to get the given number

17 15 16 13

## Page 131


Connect the dots from 1 to 17 to make a banana and then color it.

Complete

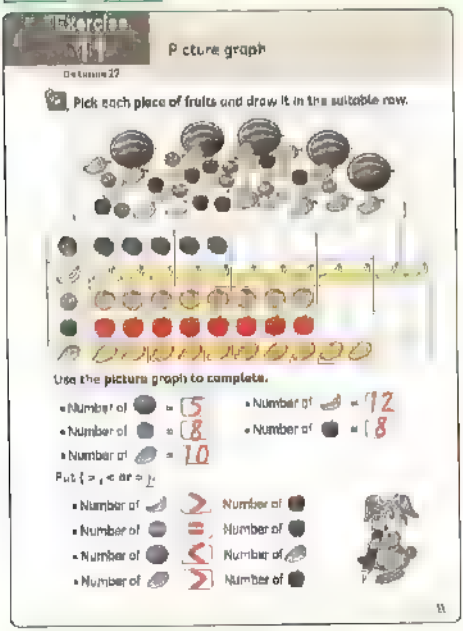
17 16 15 8 7 6 14 9 5 3 4 13 10 11 12

Choose.

- 16 < (15 or 16 or 17)
- Seventeen = (14 or 16 or 17)
- 15 > (14 or 15 or 17)
- 16 is 1 more than (15 or 16 or 17)
- 15 is 1 less than (14 or 16 or 17)
- 16 comes just after (15 or 16 or 17)
- comes just before 17 (15 or 16 or 17)
- comes just after 15 (14 or 16 or 17)
- Twelve comes just after (11 or 12 or 13)

Place a smiley face

## Page 133


Exercise 11

Picture graph

Pick each piece of fruits and draw it in the suitable row.

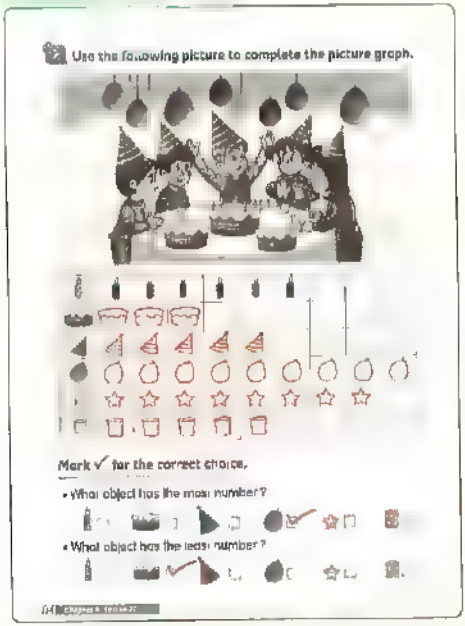
Use the picture graph to complete.

- Number of = 5
- Number of = 8
- Number of = 10
- Number of = 12
- Number of = 8

Put ( >, < or = ).

- Number of > Number of
- Number of = Number of
- Number of < Number of
- Number of > Number of

## Page 134


Use the following picture to complete the picture graph.

Mark ✓ for the correct choice.

- What object has the most number?
- What object has the least number?

## Page 135

Put ( > , < or = ).

- Number of ◀ > Number of
- Number of ☆ < Number of
- Number of = Number of ◀
- Number of < Number of

Complete

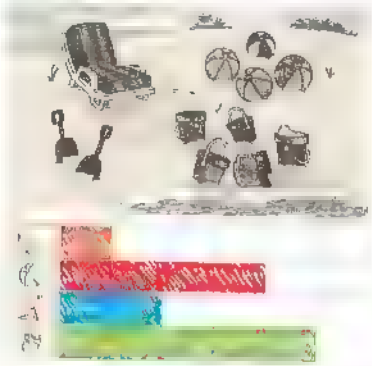
- The number of = 3
- The number of ☆ = 8
- The number of = 5
- The number of ◀ = 5
- The number of = 9
- The number of = 6

Write (✓) to the correct statement and (✗) to the incorrect statement.

- The number of is greater than number of ✓
- The number of is smaller than number of ☆ ✓
- The number of is greater than number of ◀ ✗
- The number of is equal to the number of ◀ ✗
- The number of is greater than number of ☆ ✓

## Page 136

Use the following picture to complete the picture graph



Put ( > , < or = ).

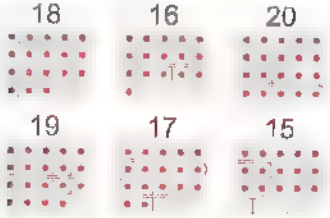
- Number of < Number of
- Number of > Number of
- Number of > Number of

## Page 139

Numbers 18 , 19 and 20

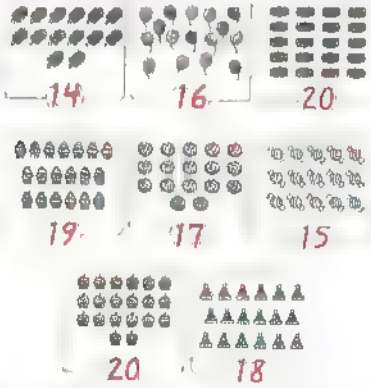
Match.

Plot dots in five frames to represent the number.




## Page 140

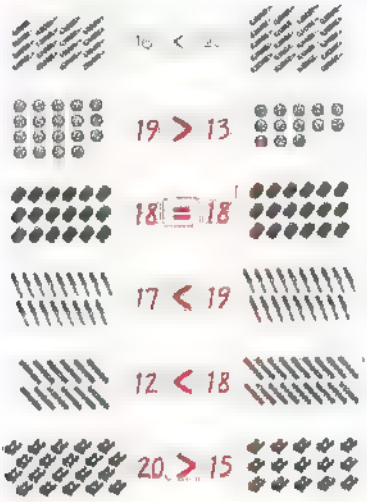
Count. Write the correct number.




Draw ● according to the number.

## Page 141

Write the number then put a suitable symbol ( >, < or = ). The first one is done for you.




## Page 142

Write the number that comes just after

| | | | | | |
|---|---|---|---|---|---|
| 14 | 15 | 19 | 20 | 16 | 17 |
| 12 | 13 | 13 | 14 | 9 | 10 |
| 17 | 18 | 7 | 8 | 18 | 19 |

Write the number that comes just before.

| | | | | | |
|---|---|---|---|---|---|
| 10 | 11 | 16 | 17 | 12 | 13 |
| 19 | 20 | 13 | 14 | 18 | 19 |
| 14 | 15 | 17 | 18 | 7 | 8 |

## Page 143

Arrange in an ascending order.

- 17, 10, 20, 8
  The order is: 8, 10, 17, 20
- 9, 3, 19, 11, 6
  The order is: 3, 6, 9, 11, 19

Arrange in a descending order.

- 14, 8, 16, 15
  The order is: 18, 15, 14, 8
- 11, 4, 9, 20, 2
  The order is: 20, 13, 9, 4, 2

Complete.

## Page 144

Choose the correct answer.

- 15 ... 17 (> or = or <)
- 20 ... 19 (> or = or <)
- 18 comes just after (19 or 18 or 17)
- 14 comes just before (13 or 15 or 16)
- 19 comes just before (18 or 19 or 20)
- 9 comes just after ... (10 or 8 or 11)
- ... comes just before 18 (19 or 17 or 20)
- ... comes just after 15 (16 or 17 or 18)
- 16 > ... (18 or 17 or 13)
- 14 < ... (20 or 11 or 9)
- ... > 15 (13 or 8 or 19)
- ... < 18 (19 or 16 or 20)
- ... > 19 (18 or 9 or 20)
- 15 is less than ... (9 or 12 or 18)
- 11 is more than ... (20 or 19 or 9)
- ... is less than 9 (8 or 12 or 13)
- ... is more than 12 (10 or 15 or 7)

## Page 146

Bar graph

On Lesson 30

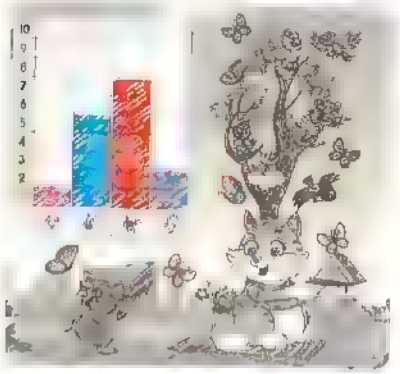
Color according to the number of each item in the picture.

Mark ✓ for the correct choice.

- The most number is of
- The least number is of

## Page 147

Color according to the number of each item in the picture.

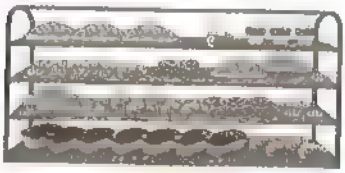


Mark ✓ for the correct choice

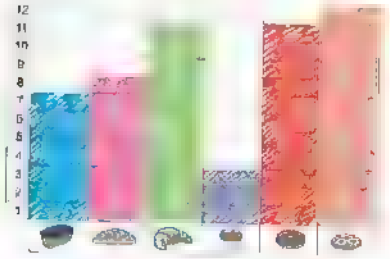
- The most number is of
- The least number is of

## Page 148

Color a space in the graph to show how many of each treats are in the bakery.

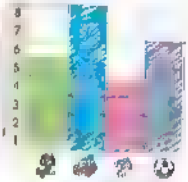


Number of Bakery Treats



## Page 149

Count. Color according to the number.



Complete.

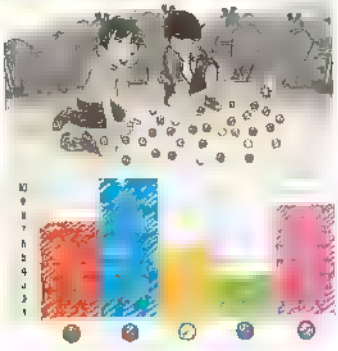
- The number of = 8
- The number of = 5
- The number of = 6
- The number of = 4

Circle the toy which has the most number.

Circle the toy which has the least number.

Page 150

Color according to the number of each item in the picture.



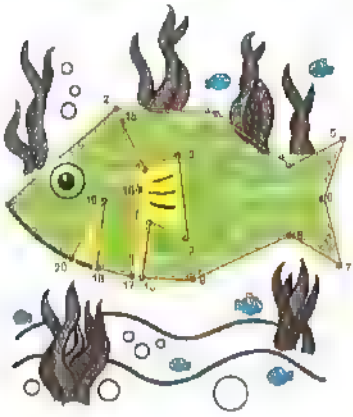
Put ( > , < or = ).

- Number of > Number of
- Number of > Number of
- Number of < Number of
- Number of < Number of

Page 151

Art Corner Chapter 4

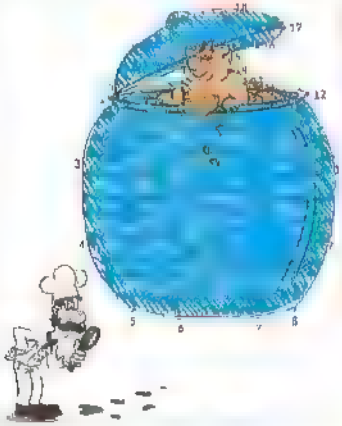
Join the numbers in order and color the picture.

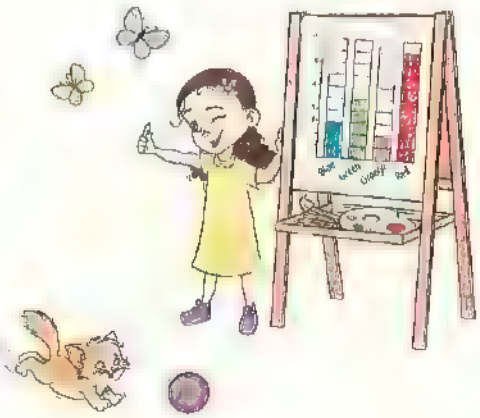


Page 152

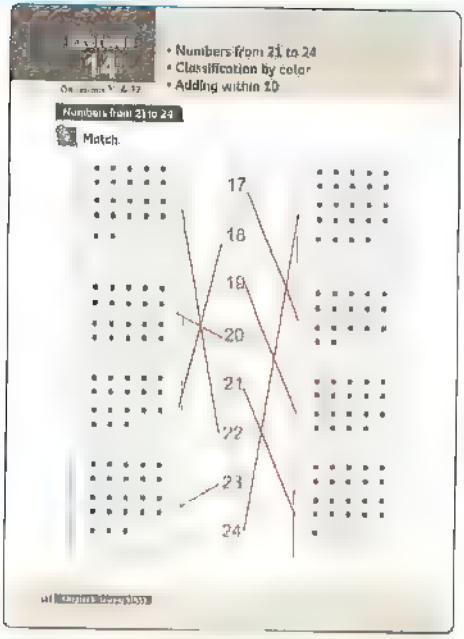
Cookie Clues

Find out what holds something good!
Count by 1's to connect the dots. Color the picture.

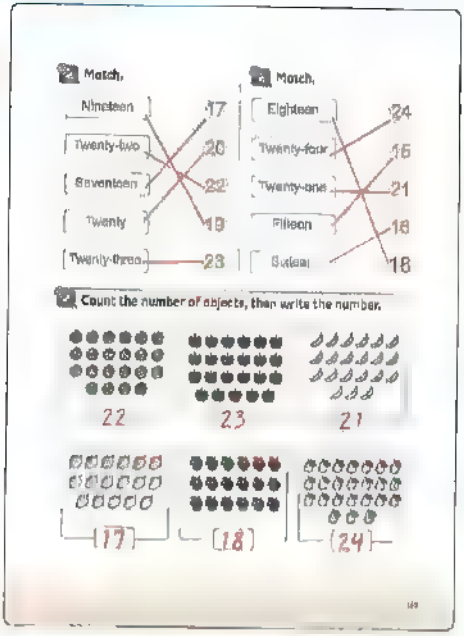




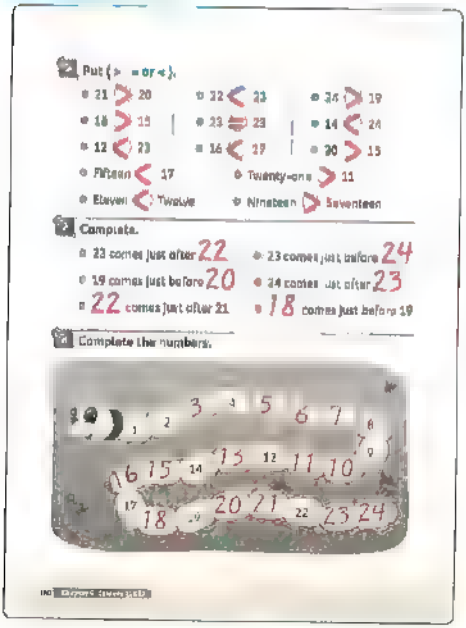
## Page 158



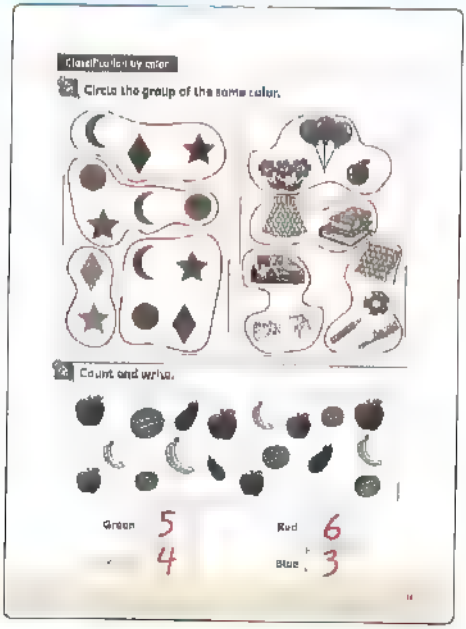

## Page 159




## Page 160



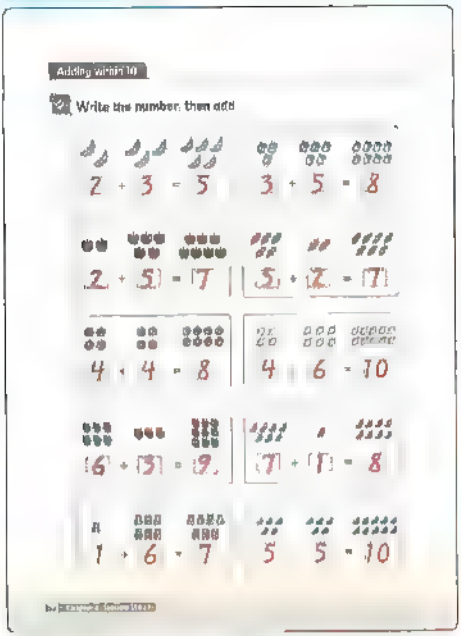

## Page 161



## Page 162

Adding within 10

Write the number, then add



2 + 3 = 5 | 3 + 5 = 8

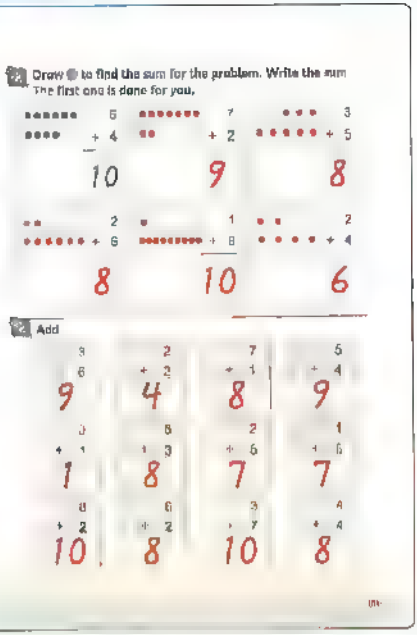
2 + 5 = 7 | 5 + 2 = 7

4 + 4 = 8 | 4 + 6 = 10

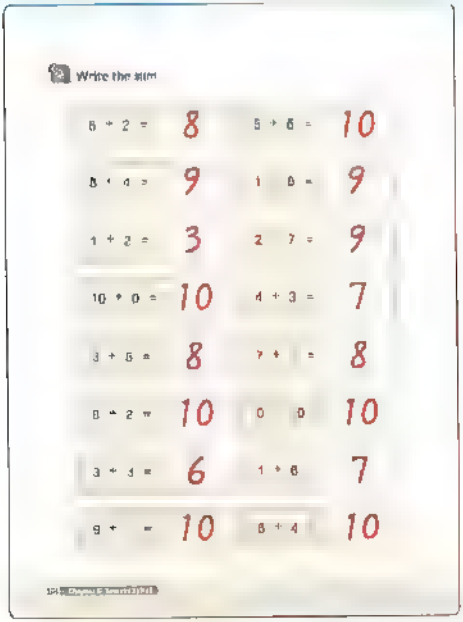
6 + 3 = 9 | 7 + 1 = 8

1 + 6 = 7 | 5 + 5 = 10

## Page 163

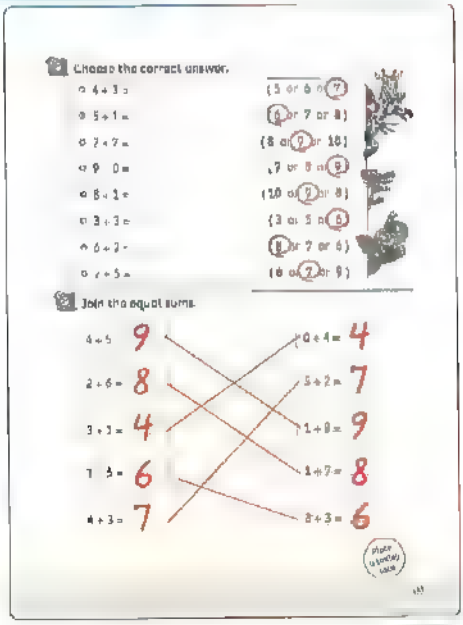


Draw ● to find the sum for the problem. Write the sum. The first one is done for you.



| | | |
|---|---|---|
| 6 + 4 = 10 | 7 + 2 = 9 | 3 + 5 = 8 |
| 2 + 6 = 8 | 1 + 8 = 10 | 2 + 4 = 6 |

Add



| | | | |
|---|---|---|---|
| 3 + 6 = 9 | 2 + 2 = 4 | 7 + 1 = 8 | 5 + 4 = 9 |
| 0 + 1 = 1 | 5 + 3 = 8 | 2 + 5 = 7 | 1 + 6 = 7 |
| 8 + 2 = 10 | 6 + 2 = 8 | 3 + 7 = 10 | 4 + 4 = 8 |

## Page 164

Write the sum

| | |
|---|---|
| 6 + 2 = 8 | 5 + 6 = 10 |
| 8 + 4 = 9 | 1 + 8 = 9 |
| 1 + 2 = 3 | 2 + 7 = 9 |
| 10 + 0 = 10 | 4 + 3 = 7 |
| 3 + 5 = 8 | 7 + 1 = 8 |
| 8 + 2 = 10 | 0 + 0 = 10 |
| 3 + 3 = 6 | 1 + 6 = 7 |
| 9 + 1 = 10 | 6 + 4 = 10 |

## Page 165

Choose the correct answer.

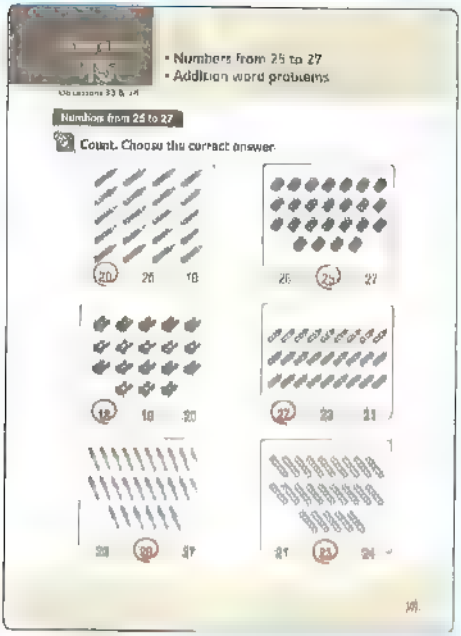
- 4 + 3 = (5 or 6 or 7)
- 5 + 1 = (6 or 7 or 8)
- 2 + 7 = (8 or 9 or 10)
- 9 + 0 = (7 or 8 or 9)
- 8 + 1 = (10 or 9 or 8)
- 3 + 3 = (3 or 5 or 6)
- 6 + 2 = (8 or 7 or 6)
- 2 + 5 = (6 or 7 or 9)

Join the equal sums.

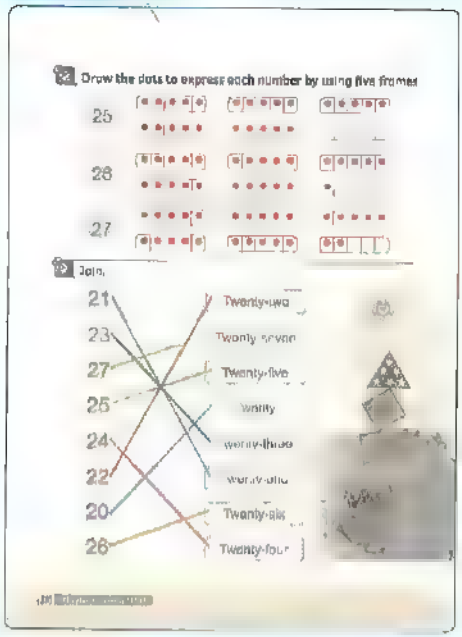
| | |
|---|---|
| 4 + 5 = 9 | 0 + 4 = 4 |
| 2 + 6 = 8 | 5 + 2 = 7 |
| 3 + 1 = 4 | 1 + 8 = 9 |
| 7 + 5 = 6 | 1 + 7 = 8 |
| 4 + 3 = 7 | 8 + 3 = 6 |

Photo is strictly taken

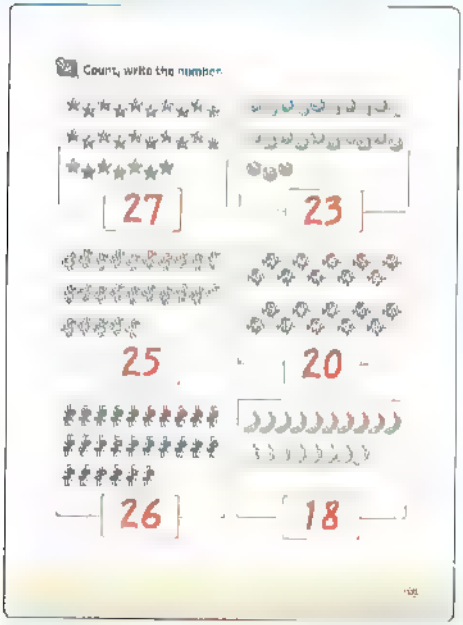
## Page 169



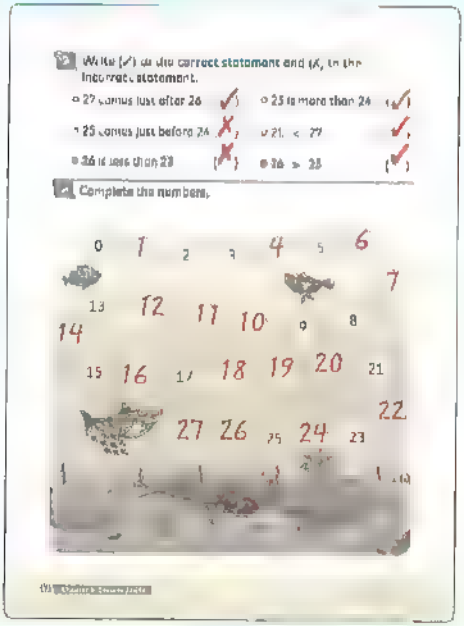

## Page 170




## Page 171




## Page 172



## Page 173

Choose the correct answer.

- 26 < (24 or 25 or 27)
- 23 > (25 or 24 or 22)
- 25 is less than (21 or 26 or 23)
- 21 is more than (22 or 20 or 24)
- 24 ☐ twenty-two (> or = or <)
- 19 ☐ twenty (> or = or <)

Count, write the number then put (>, < or =).

27 > 26

25 < 27

26 = 26

27 > 22

## Page 174

Addition word problems

Solve each of the following

Wael has 5 in Arabic and 4 in English.
How many does Wael have?
What Wael has = 5 + 4 = 9

Ali caught 4 and Rami caught 2
Find the number of with both
The number of fish = 4 + 2 = 6

Karim has 3 and Tony has 7
How many do they both have?
What they both have = 3 + 7 = 10

Lara has 3 red and Sara has 5 green
How many do they both have?
What they both have = 3 + 5 = 8

## Page 175

Ayman has 6 pounds and his sister Amal has 4 pounds.
How much money do they have?
What they both have = 6 + 4 = 10 pounds.

Dalma has 7 sweets
Her father gives her 2 sweets.
How many sweets does Dalma has now?
What Dalma has = 7 + 2 = 9 sweets

Jana made 5 cookies
Then she made 3 more cookies.
How many cookies did Jana make?
What Jana made = 5 + 3 = 8 cookies.

Maged found 3 seashells and Marian found the same number of seashells.
How many seashells they found together?
What they both found = 3 + 3 = 6 seashells.

## Page 179

- Numbers from 28 to 30
- Classification by shape

Numbers from 28 to 30

Draw the dots to express each number using five and ten frames

28
29
30

Join.

| | |
|---|---|
| 25 | Twenty-two |
| 24 | Twenty-one |
| 23 | Twenty |
| 22 | Twenty-five |
| 21 | Twenty-three |

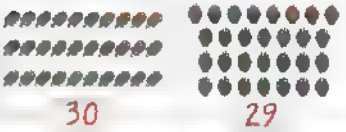
Join

| | |
|---|---|
| 30 | Twenty-seven |
| 19 | Twenty-nine |
| 28 | Twenty-six |
| 29 | Thirty |
| 27 | Nineteen |

## Page 180

Count and write the number

28 — 27



30 — 29

25 — 26

## Page 181

Put (>, = or <).

- 30 > 28
- 19 < 20
- 24 = 24
- 29 > 27
- 25 > 15
- 30 > 18
- 26 < Twenty-eight
- Twenty-three > Thirteen
- Thirteen < Thirty
- Fifteen < Twenty-eight

Write the number just comes after.

| | | | |
|---|---|---|---|
| 27 | 28 | 21 | 22 |
| 19 | 20 | 29 | 30 |
| fourteen | 15 | twenty-eight | 29 |

Write the number just comes before.

| | | | |
|---|---|---|---|
| 23 | 24 | 29 | 30 |
| 10 | 11 | 28 | 29 |
| 25 | twenty-six | 27 | twenty-eight |

## Page 182

Arrange in an ascending order

- 21 9 29 30 7
  The order is: 7, 19, 23, 29, 30
- 16 9 21 18 28
  The order is: 9, 16, 18, 21, 28
- 17 24 9 29 26
  The order is: 9, 17, 24, 26 29

Arrange in a descending order

- 17 30 3 29 0
  The order is: 30, 29, 17, 3, 0
- 22 12 20 2 21
  The order is: 22, 21 20, 12, 2
- 10 20 14 30 27
  The order is: 30, 27, 20, 14, 10

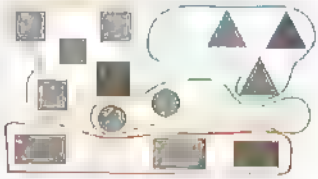
Write (✓) to the correct statement and (✗) to the incorrect statement

- 28 is greater than 29 (✗)
- 27 is 1 greater than 28 (✗)
- 27 is less than 18 (✗)
- 30 comes just after 29 (✓)
- 29 is 1 less than 30 (✓)
- 28 comes just before 27 (✗)

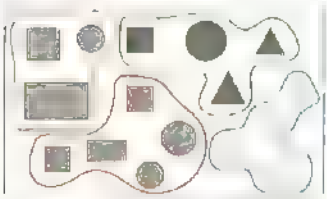
## Page 183

Classification by shape

Circle the objects having the same shape.



Circle the objects having the same color.



## Page 184

Follow the ○s. Color them. Where do they lead?
Color the shapes

△ s in Green  s in Blue  s in

## Page 185

More practice on addition

Write the number of dots, then add. The first one is done for you.

Add

| | | | | |
|---|---|---|---|---|
| 7 + 2 = 9 | 1 + 8 = 9 | 4 + 2 = 6 | 1 + 1 = 2 | 9 + 0 = 9 |
| 4 + 4 = 8 | 3 + 5 = 8 | 6 + 1 = 7 | 1 + 2 = 3 | 5 + 4 = 9 |
| 0 + 10 = 10 | 5 + 3 = 8 | 1 + 7 = 8 | 5 + 5 = 10 | 8 + 2 = 10 |

## Page 186

Find the sum.

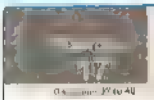
| | | |
|---|---|---|
| 4 + 5 = 9 | 2 + 3 = 5 | 1 + 9 = 10 |
| 8 + 2 = 10 | 7 + 1 = 8 | 6 + 4 = 10 |
| 0 + 8 = 8 | 1 + 6 = 7 | 5 + 5 = 10 |
| 9 + 1 = 10 | 4 + 4 = 8 | 2 + 7 = 9 |

Add, then complete using (<, >, or =).

| | |
|---|---|
| 5 + 4 < 6 + 4<br>9 10 | 3 + 4 > 5 + 1<br>7 6 |
| 6 + 3 = 7 + 2<br>9 9 | 0 + 5 > 1 + 3<br>5 4 |
| 9 + 0 < 5 + 5<br>9 10 | 8 + 1 = 3 + 6<br>9 9 |

Place a mirror here

## Page 188



- Count by 10's up to 30
- Components of 10
- Classification by size

Count by 10's up to 30

Count by 10's. Write the number.

Complete counting by 10's.

10 20 30 | 10 20 30 | 10 20 30

Components of 10

Match to make 10.

Page 189

Complete the drawing to make 10.

3 + 7 = 10  5 + 5 = 10  2 + 8 = 10  4 + 6 = 10

Count. Write the number. Add.

8 + 2 = 10  7 + 3 = 10

9 + 1 = 10  6 + 4 = 10

5 + 5 = 10

Page 190

Count, write the numbers then match to make 10.

9  4  7  10  2

6  3  1  8  10

Page 191

Color the squares that have the same size by the same color.

Page 192

Circle the objects having the same shape ( △ - ○ - □ ).

Circle the objects having the same size ( Large - Medium - Small ).

Circle the objects having the same color ( Red - Yellow - Green ).

## Page 193

More addition problems

Add.

| | | | | |
|---|---|---|---|---|
| 3 + 2 = 5 | 7 + 1 = 8 | 2 + 4 = 6 | 6 + 3 = 9 | 5 + 5 = 10 |
| 1 + 8 = 9 | 10 + 0 = 10 | 2 + 7 = 9 | 8 + 2 = 10 | 9 + 1 = 10 |

Write the sum.

| | | |
|---|---|---|
| 4 + 3 = 7 | 5 + 2 = 7 | 9 + 0 = 9 |
| 6 + 1 = 7 | 3 + 7 = 10 | 2 + 1 = 3 |
| 3 + 5 = 8 | 4 + 2 = 6 | 2 + 6 = 8 |
| 8 + 1 = 9 | 4 + 4 = 8 | 0 + 10 = 10 |

Add, then match the equal sums.

| | |
|---|---|
| 4 + 1 = 5 | 6 + 4 = 10 |
| 6 + 4 = 9 | 8 + 0 = 5 |
| 7 + 3 = 10 | 5 + 2 = 8 |
| 1 + 7 = 8 | 1 + 8 = 9 |

## Page 194

Read each word problem. Solve each problem.

Ho won has 4 balloons and Hoon has 2 balloons
How many balloons are there in all ?

They have = 4 + 2 = 6

Mary bakes 5 big cookies and 5 small cookies
How many cookies did she bake in all ?

She baked = 5 + 5 = 10

Kurlin went to the market to buy some fruit
He bought 6 apples and 3 oranges.
How much fruit, did Kurlin buy in all ?

Kurlin bought = 6 + 3 = 9 fruit

Sara has 2 red flowers and Hani has 3 yellow flowers.
How many flowers do they have in all ?

They have = 2 + 3 = 5 flowers.

Farid has 3 big fish. He also has 3 small fish
How many fish does he have in all ?

He has = 3 + 3 = 6 fish

## Page 195

Chapter 5

Add and color the picture according to the answers.

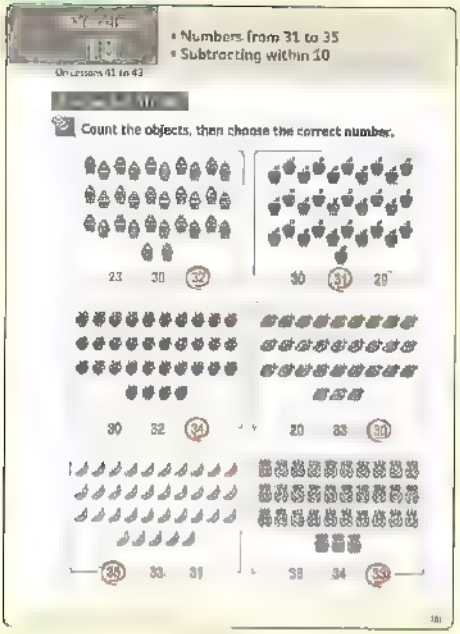
Orange
Blue
Red
Yellow 8
Green

## Page 196

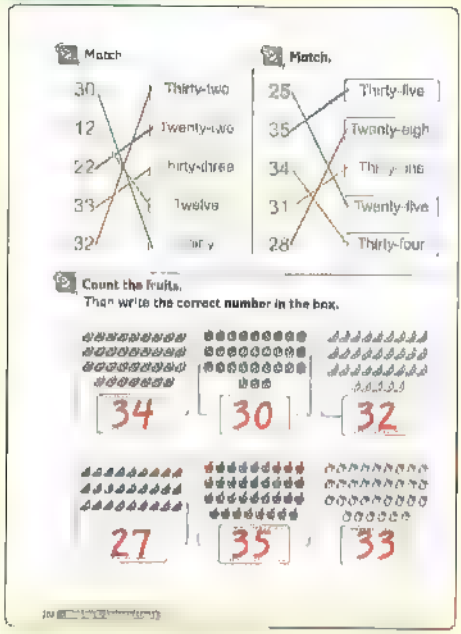
Add. Color the picture according to the answers.

Blue
Yellow 6
Black 3

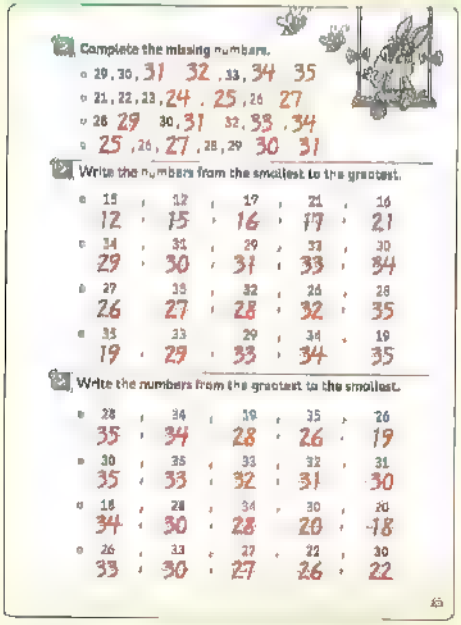
## Page 201



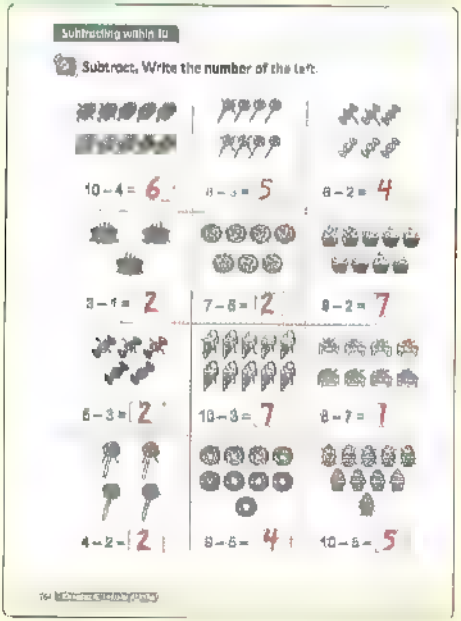

## Page 202




## Page 203




## Page 204



## Page 205

Cross out to subtract. Write how many are left.
The first one is done for you.

| | | | | |
|---|---|---|---|---|
| 6 − 2 = 4 | 8 − 3 = 5 | 7 − 1 = 6 | 5 − 2 = 3 |
| 4 − 1 = 3 | 7 − 6 = 1 | 9 − 5 = 4 | 10 − 8 = 2 |
| 3 − 2 = 1 | 6 − 3 = 3 | 10 − 6 = 4 | 2 − 1 = 1 |
| 5 − 4 = 1 | 9 − 7 = 2 | 8 − 2 = 6 | 7 − 3 = 4 |
| 4 − 3 = 1 | 5 − 5 = 0 | 6 − 5 = 1 | 10 − 1 = 9 |

## Page 206

Choose the correct answer.

- 8 − 3 = (4 or 5 or 6)
- 7 − 2 = (5 or 6 or 7)
- 6 − 5 = (1 or 2 or 3)
- 10 − 4 = (5 or 6 or 8)
- 9 − 4 = (2 or 5 or 7)
- 5 − 1 = (2 or 3 or 4)
- 10 − 5 = (0 or 5 or 10)
- 9 − 2 = (7 or 6 or 5)

Join

## Page 207

Subtract.

| | | | | |
|---|---|---|---|---|
| 8 − 6 = 2 | 7 − 3 = 4 | 9 − 4 = 5 | 6 − 1 = 5 | 8 − 7 = 1 |
| 6 − 5 = 1 | 9 − 9 = 0 | 10 − 3 = 7 | 3 − 1 = 2 | 7 − 5 = 2 |
| 7 − 5 = 2 | 8 − 5 = 3 | 9 − 2 = 7 | 5 − 3 = 0 | 5 − 4 = 1 |
| 7 − 6 = 1 | 6 − 4 = 2 | 10 − 1 = 9 | 4 − 1 = 3 | 2 − 1 = 1 |

9 − 1 = 8 | 10 − 9 = 1 | 8 − 8 = 0
5 − 3 = 2 | 9 − 5 = 4 | 10 − 4 = 6
10 − 2 = 8 | 4 − 3 = 1 | 6 − 3 = 3
7 − 4 = 3 | 9 − 3 = 6 | 10 − 5 = 5

## Page 211

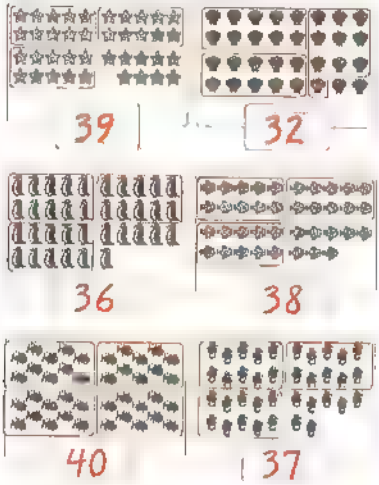
- Numbers from 36 to 40
- Subtracting within 10 using the number line

**Numbers from 36 to 40**

Circle the objects in groups of ten, then circle the correct number of all objects.

## Page 212

Circle the objects in groups of ten, then write how many are there in all.



39 | 32

36 | 38

40 | 37

## Page 213

Complete using ( > , < or = )

| | | |
|---|---|---|
| 35 > 31 | 19 < 40 | 18 < 28 |
| 36 < 39 | 25 < 32 | 37 > 28 |
| 29 < 37 | 14 < 41 | 35 > 27 |
| 19 < 20 | 38 < 40 | 0 < 1 |
| 36 > 29 | 9 < 10 | 30 < 40 |

Write the number that comes just before.

| | | | | | |
|---|---|---|---|---|---|
| 22 | 23 | 33 | 34 | 19 | 20 |
| 16 | 17 | 28 | 29 | 35 | 36 |
| 39 | 40 | 36 | 37 | 37 | 38 |

Write the number that comes just after

| | | | | | |
|---|---|---|---|---|---|
| 15 | 16 | 37 | 38 | 9 | 10 |
| 26 | 27 | 13 | 14 | 31 | 32 |
| 36 | 37 | 38 | 39 | 39 | 40 |

## Page 214

Write the numbers from the smallest to the greatest

| | | | | |
|---|---|---|---|---|
| 36 | 29 | 38 | 31 | 30 |
| 29 < | 30 < | 31 < | 36 < | 38 |
| 30 | 32 | 40 | 37 | 33 |
| 32 < | 33 < | 37 < | 39 < | 40 |
| 40 | 20 | 30 | 10 | 23 |
| 10 < | 20 < | 23 < | 30 < | 40 |
| 33 | 37 | 34 | 36 | 28 |
| 28 < | 34 < | 35 < | 36 < | 37 |

Write the numbers from the greatest to the smallest.

| | | | | |
|---|---|---|---|---|
| 24 | 9 | 37 | 27 | 18 |
| 37 > | 27 > | 24 > | 18 > | 9 |
| 37 | 39 | 36 | 40 | 38 |
| 40 > | 39 > | 38 > | 37 > | 36 |
| 29 | 30 | 35 | 21 | 37 |
| 37 > | 35 > | 30 > | 29 > | 21 |
| 33 | 22 | 20 | 39 | 26 |
| 39 > | 33 > | 26 > | 22 > | 20 |

Complete the missing numbers.

- 34, 35, 36, 37, 38, 39, 40
- 29, 30, 31, 32, 33, 34, 35, 36
- 24, 25, 26, 27, 28, 29, 30
- 19, 20, 21, 22, 23, 24, 25

## Page 215

Subtracting within 10 using the number line

Find the differences. Use the number line if you need to.

8 − 3 = 5 | 7 − 2 = 5 | 9 − 5 = 4

10 − 4 = 6 | 9 − 1 = 8 | 7 − 5 = 2

6 − 0 = 6 | 8 − 4 = 4 | 10 − 9 = 1

| | | | | |
|---|---|---|---|---|
| 6 − 4 = 2 | 8 − 2 = 6 | 5 − 5 = 0 | 4 − 2 = 2 | 7 − 6 = 1 |
| 10 − 3 = 7 | 7 − 4 = 3 | 9 − 7 = 2 | 8 − 6 = 2 | 8 − 7 = 1 |
| 3 − 3 = 0 | 8 − 1 = 7 | 4 − 3 = 1 | 10 − 5 = 5 | 10 − 8 = 2 |
| 6 − 1 = 5 | 5 − 4 = 1 | 9 − 4 = 5 | 9 − 8 = 1 | 7 − 0 = 7 |

## Page 216

**Subtract.**

7 − 2 = 5 8 − 7 = 1 6 − 2 = 4

9 − 5 = 4 10 − 4 = 6 4 − 4 = 0

2 − 1 = 1 5 − 2 = 3 10 − 2 = 8

| | | | | |
|---|---|---|---|---|
| 4 | 6 | 1 | 8 | 5 |
| 1 | − 3 | 0 | − 3 | 5 |
| 3 | 3 | 1 | 5 | 0 |
| 9 | 10 | 5 | 7 | 4 |
| − 2 | − 3 | 3 | − 6 | 2 |
| 7 | 7 | 2 | 1 | 2 |

**Write (✓) for the correct statement and (✗) to the incorrect statement**

- 8 − 3 = 6 (✗)
- 10 − 1 = 9 (✓)
- 9 − 4 = 5 (✓)
- 4 − 3 = 2 (✓)
- 5 − 5 = 10 (✗)
- 7 − 2 = 5 (✓)
- 6 − 4 = 2 (✓)
- 9 − 7 = 3 (✗)

## Page 217

**Find the difference between. The first one is done for you.**

To find the difference, put the greater number in the first place.

2 and 5: 5 − 2 = 3

7 and 3: 7 3 4

1 and 9: 9 − 1 = 8

5 and 10: 10 5 = 5

8 and 4: 8 4 4

1 and 6: 6 2 4

4 and 0: 4 − 0 = 4

**Find the results. Compare the results using > < or =**

7 − 3 < 7 + 3 (4 < 10)

2 + 4 > 6 − 1 (6 > 4)

8 = 10 ÷ 3 (3 = 3)

6 − 2 = 2 + 2 (4 = 4)

9 − 8 > 8 − 8 (1 > 0)

10 − 4 < 13 ÷ 4 (6 < 7)

Have a variety fact

## Page 220

- The relation between addition and subtraction (Fact families)
- Subtraction word problems

**Fact families**

**Write the result.**

| | | | |
|---|---|---|---|
| 2 + 8 = 8 | 4 + 2 = 6 | 3 + 6 = 9 | 9 + 1 = 10 |
| 6 + 2 = 8 | 2 + 4 = 6 | 6 + 3 = 9 | 1 + 9 = 10 |
| 8 − 6 = 2 | 6 − 4 = 2 | 9 − 3 = 6 | 10 − 1 = 9 |
| 8 − 2 = 6 | 6 − 2 = 4 | 9 − 6 = 3 | 10 − 9 = 1 |
| 5 + 2 = 7 | 1 + 2 = 3 | 7 + 2 = 9 | 8 + 1 = 9 |
| 2 + 5 = 7 | 2 + 1 = 3 | 2 + 7 = 9 | 1 + 8 = 9 |
| 7 − 5 = 2 | 3 − 2 = 1 | 9 − 7 = 2 | 9 − 8 = 1 |
| 7 − 2 = 5 | 3 − 1 = 2 | 9 − 2 = 7 | 9 − 1 = 8 |
| 5 + 1 = 6 | 4 + 3 = 7 | 6 + 1 = 7 | 7 + 3 = 10 |
| 1 + 5 = 6 | 3 + 4 = 7 | 1 + 6 = 7 | 3 + 7 = 10 |
| 6 − 1 = 5 | 7 − 3 = 4 | 7 − 1 = 6 | 10 − 3 = 7 |
| 6 − 5 = 1 | 7 − 4 = 3 | 7 − 6 = 1 | 10 − 7 = 3 |
| 5 + 4 = 9 | 8 + 2 = 10 | 3 + 1 = 4 | 5 + 3 = 8 |
| 4 + 5 = 9 | 2 + 8 = 10 | 1 + 3 = 4 | 3 + 5 = 8 |
| 9 − 4 = 5 | 10 − 2 = 8 | 4 − 3 = 1 | 8 − 3 = 5 |
| 9 − 5 = 4 | 10 − 8 = 2 | 4 − 1 = 3 | 8 − 5 = 3 |

## Page 221

**Write a pair of addition and subtraction facts for each group of numbers. The first one is done for you.**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 1 | 5 | 6 | 2 | 8 | 2 | 7 | 9 | 2 | 5 | 7 |
| 1 + 4 = 5 | | | 2 + 6 = 8 | | | 7 + 2 = 9 | | | 5 + 2 = 7 | | |
| 5 − 4 = 1 | | | 8 − 6 = 2 | | | 9 − 2 = 7 | | | 7 − 2 = 5 | | |
| 5 | 1 | 4 | 8 | 2 | 6 | 9 | 7 | 2 | 7 | 5 | 2 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 2 | 6 | 3 | 7 | 10 | 3 | 1 | 4 |
| 1 + 2 = 3 | | | 4 + 2 = 6 | | | 3 + 7 = 10 | | | 3 + 1 = 4 | | |
| 2 + 1 = 3 | | | 2 + 4 = 6 | | | 7 + 3 = 10 | | | 1 + 3 = 4 | | |
| 3 − 1 = 2 | | | 6 − 4 = 2 | | | 10 − 3 = 7 | | | 4 − 3 = 1 | | |
| 3 − 2 = 1 | | | 6 − 2 = 4 | | | 10 − 7 = 3 | | | 4 − 1 = 3 | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 4 | 9 | 4 | 3 | 7 | 7 | 1 | 8 | 2 | 8 | 10 |
| 5 + 4 = 9 | | | 4 + 3 = 7 | | | 7 + 1 = 8 | | | 2 + 8 = 10 | | |
| 4 + 5 = 9 | | | 3 + 4 = 7 | | | 1 + 7 = 8 | | | 8 + 2 = 10 | | |
| 9 − 5 = 4 | | | 7 − 3 = 4 | | | 8 − 1 = 7 | | | 10 − 2 = 8 | | |
| 9 − 4 = 5 | | | 7 − 4 = 3 | | | 8 − 7 = 1 | | | 10 − 8 = 2 | | |

## Page 222

**Complete.**

| | | |
|---|---|---|
| 5 + 2 = 7 | 7 − 5 = 2 | 7 − 2 = 5 |
| 4 + 6 = 10 | 10 − 6 = 4 | 10 − 4 = 6 |
| 1 + 8 = 9 | 9 − 8 = 1 | 9 − 1 = 8 |
| 3 + 0 = 3 | 3 − 0 = 3 | 3 − 3 = 0 |
| 2 + 4 = 6 | 6 − 2 = 4 | 6 − 4 = 2 |
| 7 + 1 = 8 | 8 − 7 = 1 | 8 − 1 = 7 |

**Complete.**

| | | |
|---|---|---|
| 3 + 2 = 5<br>5 − 3 = 2 | 5 + 3 = 8<br>8 − 5 = 3 | 1 + 3 = 4<br>4 − 3 = 1 |
| 1 + 2 = 3<br>3 − 2 = 1 | 4 + 4 = 8<br>8 − 4 = 4 | 6 − 2 = 8<br>8 − 6 = 2 |
| 5 + 4 = 9<br>9 − 5 = 4 | 2 + 8 = 10<br>10 − 2 = 8 | 6 + 2 = 8<br>7 − = 6 |
| 2 + 1 = 3<br>3 − = 1 | 1 + 5 = 6<br>6 − 5 = 1 | 5 + 5 = 10<br>10 − 5 = 5 |

## Page 223

**Subtraction word problems**

**Solve each of the following problems.**

There are 6 eggs on a shelf. 4 eggs of them fell off
How many eggs were left ?

The left eggs = 6 − 4 = 2 eggs.

Sameh has 10 balloons and his brother Ashraf has 6 balloons
Find the difference between what they have.
The difference = 10 − 6 = 4 balloons

Marwan has 9 books. Yahia has 3 books.
How many more books does Marwan have than Yahia ?

The number of books = 9 − 3 = 6 books.

Perry had 7 pies. She gave 2 pies to Andy.
How many pies does Perry have left ?

The left pies = 7 − 2 = 5 pies

## Page 224

Ahmed has 10 pounds. If he bought sweets for 3 pounds.
What is the remainder with him ?

The remainder = 10 − 3 = 7 pounds.

There are 9 pupils in a school bus. 5 of them are boys.
What is the number of girls ?

The number of girls = 9 − 5 = 4 girls

8 cars were in the cars park. If 6 cars went away
How many cars are there in the cars park now ?

The number of cars in the park now = 8 − 6 = 2 cars

John has 7 marbles. His friend Mark has 4 marbles
How many more marbles does John have ?

What John has more than Mark = 7 − 4 = 3 marbles

Hard to write!

## Page 227

**Exercise 24**

**Addition fact family**

Answers (A.V.)

1 Family

| | | |
|---|---|---|
| 0 + 7 = 7 | 7 + 0 = 7 | 7 − 0 = 7 |
| 1 + 6 = 7 | 6 + 1 = 7 | 7 − 1 = 6 |
| 2 + 5 = 7 | 5 + 2 = 7 | 7 − 2 = 5 |
| 3 + 4 = 7 | 4 + 3 = 7 | 7 − 3 = 4 |
| 4 + 3 = 7 | 3 + 4 = 7 | 7 − 4 = 3 |
| 5 + 2 = 7 | 2 + 5 = 7 | 7 − 5 = 2 |
| 6 + 1 = 7 | 1 + 6 = 7 | 7 − 6 = 1 |
| 7 + 0 = 7 | 0 + 7 = 7 | 7 − 7 = 0 |

2 Family

| | | |
|---|---|---|
| 0 + 2 = 2 | 2 + 0 = 2 | 2 − 0 = 2 |
| 1 + 1 = 2 | 1 + 1 = 2 | 2 − 1 = 1 |
| 2 + 0 = 2 | 0 + 2 = 2 | 2 − 2 = 0 |

3 Family

| | | |
|---|---|---|
| 0 + 3 = 3 | 3 + 0 = 3 | 3 − 0 = 3 |
| 1 + 2 = 3 | 2 + 1 = 3 | 3 − 1 = 2 |
| 2 + 1 = 3 | 1 + 2 = 3 | 3 − 2 = 1 |
| 3 + 0 = 3 | 0 + 3 = 3 | 3 − 3 = 0 |

4 Family

| | | |
|---|---|---|
| 0 + 4 = 4 | 4 + 0 = 4 | 4 − 0 = 4 |
| 1 + 3 = 4 | 3 + 1 = 4 | 4 − 1 = 3 |
| 2 + 2 = 4 | 2 + 2 = 4 | 4 − 2 = 2 |
| 3 + 1 = 4 | 1 + 3 = 4 | 4 − 3 = 1 |
| 4 + 0 = 4 | 0 + 4 = 4 | 4 − 4 = 0 |

5 Family

| | | |
|---|---|---|
| 0 + 5 = 5 | 5 + 0 = 5 | 5 − 0 = 5 |
| 1 + 4 = 5 | 4 + 1 = 5 | 5 − 1 = 4 |
| 2 + 3 = 5 | 3 + 2 = 5 | 5 − 2 = 3 |
| 3 + 2 = 5 | 2 + 3 = 5 | 5 − 3 = 2 |
| 4 + 1 = 5 | 1 + 4 = 5 | 5 − 4 = 1 |
| 5 + 0 = 5 | 0 + 5 = 5 | 5 − 5 = 0 |

6 Family

| | | |
|---|---|---|
| 0 + 6 = 6 | 6 + 0 = 6 | 6 − 0 = 6 |
| 1 + 5 = 6 | 5 + 1 = 6 | 6 − 1 = 5 |
| 2 + 4 = 6 | 4 + 2 = 6 | 6 − 2 = 4 |
| 3 + 3 = 6 | 3 + 3 = 6 | 6 − 3 = 3 |
| 4 + 2 = 6 | 2 + 4 = 6 | 6 − 4 = 2 |
| 5 + 1 = 6 | 1 + 5 = 6 | 6 − 5 = 1 |
| 6 + 0 = 6 | 0 + 6 = 6 | 6 − 6 = 0 |

7 Family

| | | |
|---|---|---|
| 0 + 7 = 7 | 7 + 0 = 7 | 7 − 0 = 7 |
| 1 + 6 = 7 | 6 + 1 = 7 | 7 − 1 = 6 |
| 2 + 5 = 7 | 5 + 2 = 7 | 7 − 2 = 5 |
| 3 + 4 = 7 | 4 + 3 = 7 | 7 − 3 = 4 |
| 4 + 3 = 7 | 3 + 4 = 7 | 7 − 4 = 3 |
| 5 + 2 = 7 | 2 + 5 = 7 | 7 − 5 = 2 |
| 6 + 1 = 7 | 1 + 6 = 7 | 7 − 6 = 1 |
| 7 + 0 = 7 | 0 + 7 = 7 | 7 − 7 = 0 |

8 Family

| | | |
|---|---|---|
| 0 + 8 = 8 | 8 + 0 = 8 | 8 − 0 = 8 |
| 1 + 7 = 8 | 7 + 1 = 8 | 8 − 1 = 7 |
| 2 + 6 = 8 | 6 + 2 = 8 | 8 − 2 = 6 |
| 3 + 5 = 8 | 5 + 3 = 8 | 8 − 3 = 5 |
| 4 + 4 = 8 | 4 + 4 = 8 | 8 − 4 = 4 |
| 5 + 3 = 8 | 3 + 5 = 8 | 8 − 5 = 3 |
| 6 + 2 = 8 | 2 + 6 = 8 | 8 − 6 = 2 |
| 7 + 1 = 8 | 1 + 7 = 8 | 8 − 7 = 1 |
| 8 + 0 = 8 | 0 + 8 = 8 | 8 − 8 = 0 |

9 Family

| | | |
|---|---|---|
| 0 + 9 = 9 | 9 + 0 = 9 | 9 − 0 = 9 |
| 1 + 8 = 9 | 8 + 1 = 9 | 9 − 1 = 8 |
| 2 + 7 = 9 | 7 + 2 = 9 | 9 − 2 = 7 |
| 3 + 6 = 9 | 6 + 3 = 9 | 9 − 3 = 6 |
| 4 + 5 = 9 | 5 + 4 = 9 | 9 − 4 = 5 |
| 5 + 4 = 9 | 4 + 5 = 9 | 9 − 5 = 4 |
| 6 + 3 = 9 | 3 + 6 = 9 | 9 − 6 = 3 |
| 7 + 2 = 9 | 2 + 7 = 9 | 9 − 7 = 2 |
| 8 + 1 = 9 | 1 + 8 = 9 | 9 − 8 = 1 |
| 9 + 0 = 9 | 0 + 9 = 9 | 9 − 9 = 0 |

10 Family

| | | |
|---|---|---|
| 0 + 10 = 10 | 10 + 0 = 10 | 10 − 0 = 10 |
| 1 + 9 = 10 | 9 + 1 = 10 | 10 − 1 = 9 |
| 2 + 8 = 10 | 8 + 2 = 10 | 10 − 2 = 8 |
| 3 + 7 = 10 | 7 + 3 = 10 | 10 − 3 = 7 |
| 4 + 6 = 10 | 6 + 4 = 10 | 10 − 4 = 6 |
| 5 + 5 = 10 | 5 + 5 = 10 | 10 − 5 = 5 |
| 6 + 4 = 10 | 4 + 6 = 10 | 10 − 6 = 4 |
| 7 + 3 = 10 | 3 + 7 = 10 | 10 − 7 = 3 |
| 8 + 2 = 10 | 2 + 8 = 10 | 10 − 8 = 2 |
| 9 + 1 = 10 | 1 + 9 = 10 | 10 − 9 = 1 |
| 10 + 0 = 10 | 0 + 10 = 10 | 10 − 10 = 0 |

Page 228

Write the missing numbers using the fact families.

6, 7, 8, 9, 10, 11, 12

3, 4, 5, 6, 7, 8, 9

5, 6, 7, 8, 9, 10, 11

12, 13, 14, 15, 16, 17, 18

10, 11, 12, 13, 14, 15, 16

1, 2, 3, 4, 5, 6, 7

4, 5, 6, 7, 8, 9, 10

7, 8, 9, 10, 11, 12, 13

3, 4, 5, 6, 7, 8, 9

12, 13, 14, 15, 16, 17, 18

Page 229

Chapter 6

Connect numbers from 1 to 40.

What do you see? Fish

Page 230

Find the result. Color the clouds that have a result greater than 4 in red and the clouds that have a result less than 5 in yellow.

10 – 7 = 3

4 – 3 = 1

6 – 5 = 0

3 – 1 = 2

9 – 7 = 2

9 – 5 = 4

5 – 4 = 1

## Page 236

- Add / Subtract within 10 using number chart
- Telling time "Analog clock"
- Belongs / Does not belong

Use the number chart up to 100 to answer.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

- Color all numbers that contain a 7
- Circle all numbers with two identical digits (Examples: 5)
- Shade all numbers that contain a 0
- Underline the numbers with a first digit that is less than its second digit (Examples: 12, 27)

## Page 237

Adding / Subtracting within 10 using number chart

Use the number chart to choose the correct answer.

5 + 1 = 4 6 (6)

10 − 3 = 4 (7) 8

8 − 4 = (4) 6 2

5 − 2 = 2 (3) 4

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

4 + 1 = 4 5 (5) 3

9 − 5 = (4) 5 5

3 + 3 = 1 4 (6)

Use the number chart to find the results.

7 + 2 = 9 9 − 3 = 6 10 − 2 = 8

4 + 3 = 7 6 + 5 = 1 3 + 5 = 8

6 + 4 = 10 4 + 2 = 2 8 − 6 = 2

7 − 3 = 4 1 + 6 = 7 3 + 6 = 9

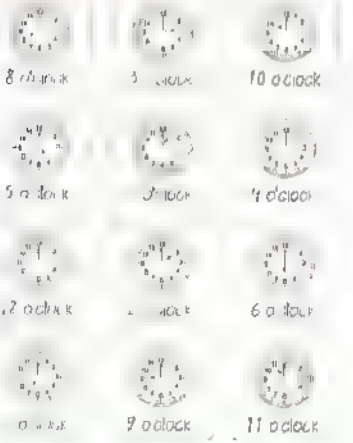
## Page 238

Telling time "Analog clock"

Write the times below the clocks.

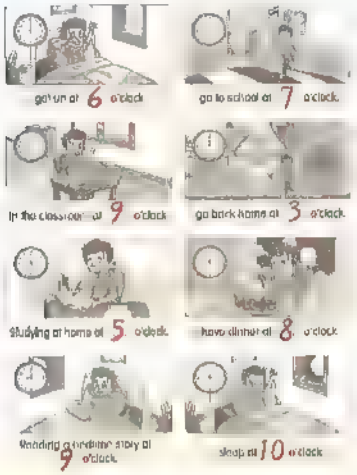
## Page 239

Draw the two hands of the clock



## Page 240

Write the number that tells the time of each activity.

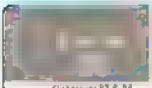



## Page 241

Belongs / Does not belong

Cross out (X) the picture that does not belong in each row.

## Page 243



- Numbers from 41 to 49
- Digital clock and analog clock

Numbers from 41 to 49

Complete.

40 41 42 43 44 45 46 47 48 49

Arrange in an ascending order.

- 47 27 37 49 41
  The order is 27 37, 41 47. 49
- 29 48 39 43 40
  The order is 29 39 40 43 48
- 36 43 34 25 46
  The order is 25 34 36. 43 46

Arrange in a descending order.

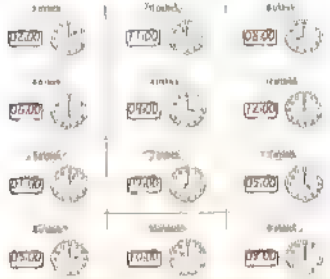
- 17 27 48 42 43
  The order is 48 45 42 27 17
- 23 32 41 38 29
  The order is 41, 38 32. 29 23
- 27 45 46 35 30
  The order is 46 45 35 30 27

## Page 244

Digital clock and analog clock

Match the clocks that show the same time.

Draw the hour and on the clock faces
Write the time on the digital clocks.



## Page 245

Ring the suitable time for each activity.

Circle the clock that shows the same time.

## Page 246

Choose the time you would do each thing.
Then color the times that match in the same color.

Go to sleep — Have lunch — Go to school

## Page 250

- Numbers from 50 to 69
- Using subtraction to create fact families

Numbers up to 69

Join the numbers in order. Color the picture.

What do you see? Rabbit

Complete the missing numbers.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
| 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 |
| 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |

## Page 251

Complete the missing numbers.

50 51 52 53 54

55 56 57 58 59

40 41 42 43 44

45 46 47 48 49

60 61 62 63 64

65 66 67 68 69

0 20 30 40 50 60

## Page 252

Write the number which comes just after.

54 55 | 61 62 | 59 60

66 67 | 52 53 | 67 68

Write the number which comes just before.

58 59 | 63 64 | 50 51

68 69 | 62 63 | 57 58

Put the suitable sign ( > , = or < ).

60 > 59 | 66 > 55

58 = 58 | 50 < 60

61 > 57 | 19 < 52

63 > 56 | 64 = 64

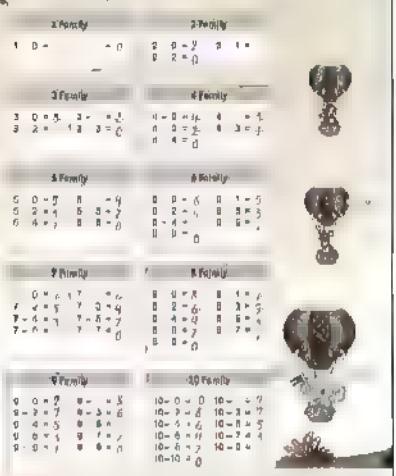
67 > 49 | 53 < 62

63 > 51 | 60 > 59

## Page 253

Using subtraction to create fact families

Subtract to create fact families.



## Page 254

Subtract.

| | | | |
|---|---|---|---|
| 8 − 5 = 3 | 9 − 4 = 5 | 10 − 6 = 4 | 3 − 1 = 2 |
| 4 − 4 = 0 | 7 − 2 = 5 | 8 − 1 = 7 | 6 − 3 = 3 |
| 5 − 1 = 4 | 2 − 1 = 1 | 9 − 8 = 1 | 5 − 5 = 0 |

10 − 2 = 8 | 6 − 4 = 2

9 − 3 = 6 | 6 − 6 = 2

9 − 7 = 1 | 7 − 3 = 4

6 − 6 = 0 | 5 − 0 = 6

## Page 255

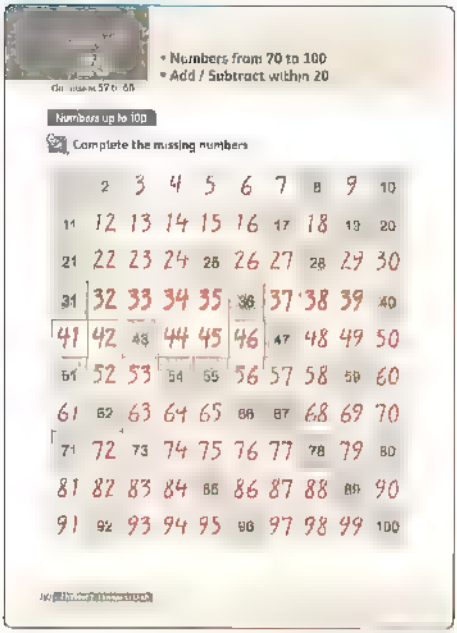
Complete the missing numbers in each table.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | − | 3 | = | 5 | 7 | + | 3 | = 10 |
| − | | − | | + | − | | + | − |
| 1 | + | 1 | = | 2 | 2 | − | 1 | = 1 |
| = | | = | | = | = | | = | = |
| 9 | − | 2 | = | 7 | 5 | + | 4 | = 9 |

Put (+ or −).

| | | |
|---|---|---|
| 5 [+] 2 = 5 | 2 [+] 6 = 8 | 10 [−] 8 = 2 |
| 5 [−] 2 = 3 | 6 [+] 4 = 8 | 7 [−] 3 = 4 |
| 8 [−] 4 = 5 | 10 [−] 3 = 7 | 5 [+] 5 = 10 |
| 3 [−] 3 = 0 | 9 [+] 1 = 10 | 7 [−] 5 = 2 |
| 6 [−] 3 = 3 | 6 [+] 4 = 10 | 5 [+] 2 = 7 |
| 5 [+] 3 = 8 | 2 [+] 7 = 9 | 0 [+] 1 = 1 |

## Page 260



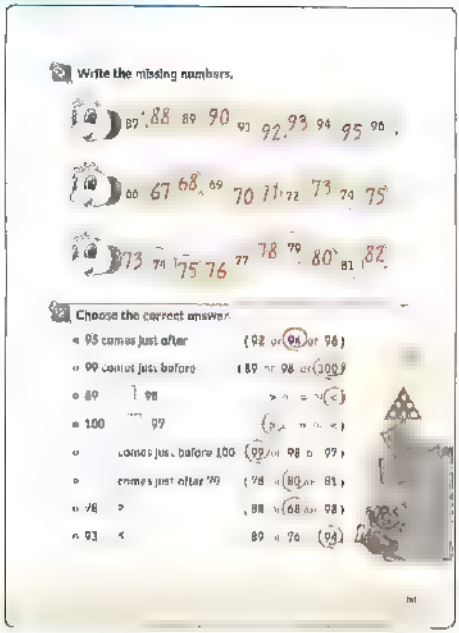
- Numbers from 70 to 100
- Add / Subtract within 20

Numbers up to 100

Complete the missing numbers

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

## Page 261



Write the missing numbers.

87 88 89 90 91 92 93 94 95 96

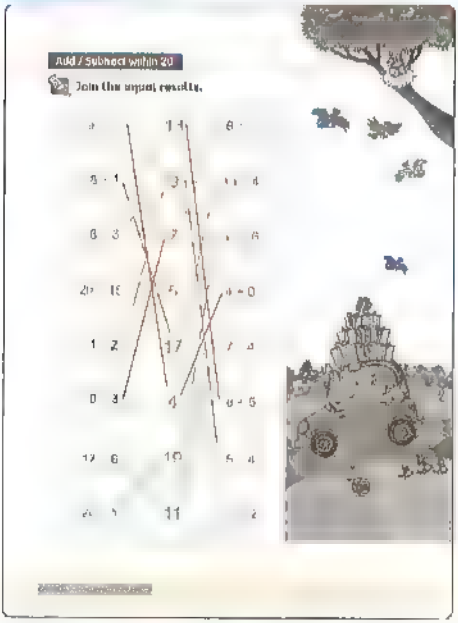
66 67 68 69 70 71 72 73 74 75

73 74 75 76 77 78 79 80 81 82

Choose the correct answer.

- 95 comes just after (92 or 94 or 96)
- 99 comes just before (89 or 98 or 100)
- 89 98 (> or = or <)
- 100 97 (> or = or <)
- comes just before 100 (99 or 98 or 97)
- comes just after 79 (78 or 80 or 81)
- 78 > (88 or 68 or 98)
- 93 < 89 or 76 (94)

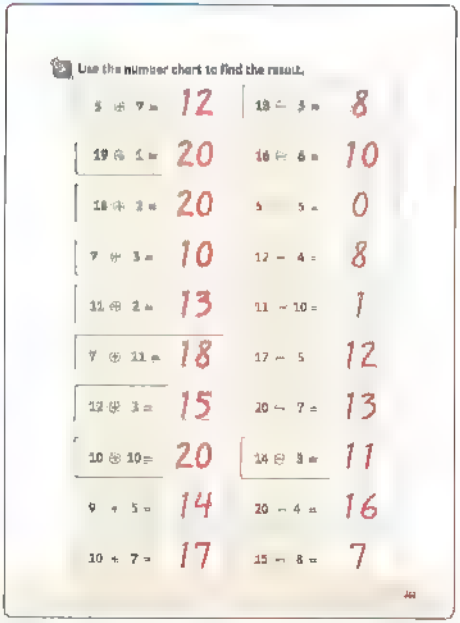
## Page 262



Add / Subtract within 20

Join the equal results.

## Page 263



Use the number chart to find the result.

| | | | |
|---|---|---|---|
| 5 + 7 = | 12 | 13 − 5 = | 8 |
| 19 + 1 = | 20 | 16 − 6 = | 10 |
| 18 + 2 = | 20 | 5 − 5 = | 0 |
| 7 + 3 = | 10 | 12 − 4 = | 8 |
| 11 + 2 = | 13 | 11 − 10 = | 1 |
| 7 + 11 = | 18 | 17 − 5 | 12 |
| 12 + 3 = | 15 | 20 − 7 = | 13 |
| 10 + 10 = | 20 | 14 − 3 = | 11 |
| 9 + 5 = | 14 | 20 − 4 = | 16 |
| 10 + 7 = | 17 | 15 − 8 = | 7 |

## Page 264

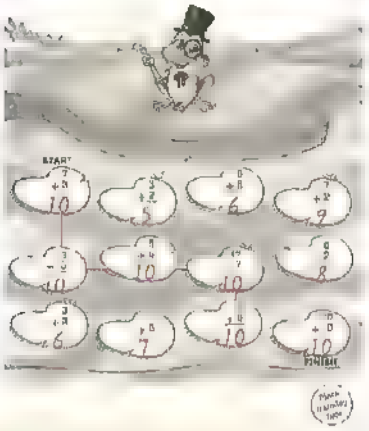
Add or subtract, then complete using ( < , > or = ).

| | | |
|---|---|---|
| 13 + 2 = 15 | = | 19 − 4 = 15 |
| 18 − 11 = 7 | < | 3 + 5 = 8 |
| 10 + 4 = 14 | > | 20 − 7 = 13 |
| 15 − 8 = 7 | < | 12 + 5 = 17 |
| 9 + 5 = 14 | > | 13 − 8 = 5 |
| 19 − 3 = 16 | < | 7 + 11 = 18 |

## Page 265

Freddy the frog will only hop to lily pads that equal the number 10. Can you find his path from start to finish?

Leap Frog



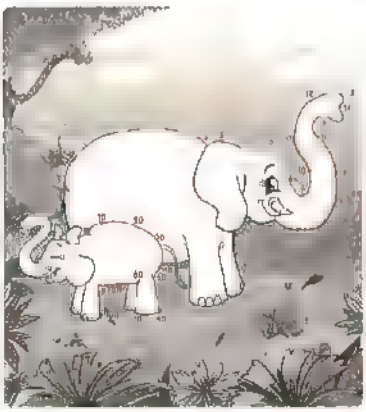

## Page 266

Chapter 7

Connect the dots from 1 to 70, then color the picture according to the small one.

## Page 267

Start at the ▲ Connect the dots counting by ones to 21.
Start at the ■ Connect the dots counting by tens to 100.



# ANSWERS of
## Step by Step Revision

Page 5

Sheet 1 — On lessons 1&2 - chapter 1

1 Count. Write the number.

2 Color the smallest one.

3 Cross out the animal that is different.

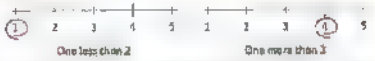
4 Match.

5 Color 1 heart in red, 2 stars in yellow and 3 stars in blue.

Page 6

Sheet 2 — Till lessons 3 to 5 - chapter 1

1 Circle the correct number on the number line.




2 Write the numbers in digits.

3 Match.

4 Color to show how many of each item.

• Circle which item there is the most of.

• The number of = 3

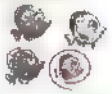
Page 7

Sheet 3 — Till lessons 7 to 10 - chapter 1

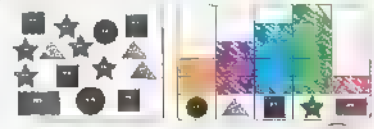
1 Count the flowers. Write the number.

2 Circle the animals which have 4 legs.

3 Circle the fish that has a different size.



4 Color to show how many of each item.



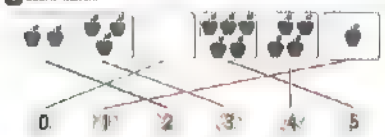
• Circle which item there is the most of.

• The number of ★ = 5

Page 8

Revision — Lessons 1 to 10

1 Count. Match.




2 Circle the flower that has a different size.

3 Complete.

4 Count. Write the number.

## Page 9

5 Cross out the animal that is different.

6 Circle the correct number on the number line.

7 Draw ● to show the number in five frame.

8 Color to show how many of each item.

• Circle which item there is the most of.

## Page 10

### Sheet 4

Till lessons 11&12 - chapter 2

1 Match.

2 Cancel 1 item in each group. Write the number of the left items.

3 Circle the correct number on the number line.

4 Count. Write the number.

10

## Page 11

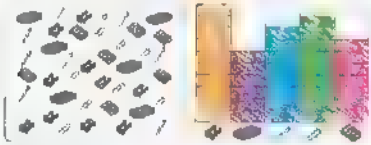
### Sheet 5

Till lessons 13 to 18 - chapter 2

1 Count. Write the number.

2 Write the numbers.

3 Color to show how many of each item.



• Circle which item there is the most of.

## Page 12

### Sheet 6

Till lessons 17&18 - chapter 2

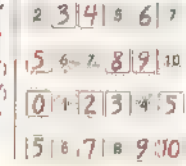
1 Choose the correct number.

2 Circle the animals which have 2 legs.

3 Write ✓ to the correct statement and ✗ to the incorrect statement.

- 4 is 1 more than 3 ✓
- 5 is 1 less than 4 ✗
- 6 comes just after 9 ✗
- 8 comes just before 9 ✓
- The number of dots in ⁘ is 9 ✗

4 Write the missing numbers.



## Page 13

### Assessment

1 Count. Write the number.

2 Write the number that is 1 less than the written number.

6 7 | 4 5 | 0 1 | 8 9

3 Count. Write the number of flowers. Join to get 10.

## Page 14

4 Complete with a suitable number.

9 comes just after 8 | 7 comes just before 8
1 comes just after 0 | 9 comes just before 10
6 comes just after 5 | 6 comes just before 7

5 Color one box for each item to show how many of each item.

• Answer the questions.

- How many are there? 5
- How many are there? 3
- How many are there? 4

• Circle the item that shows the most.

6 Write the number that is 1 more than the written number.

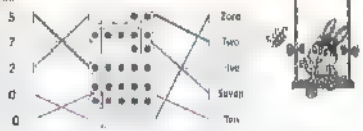
8 9 | 3 4 | 6 7 | 9 10

## Page 15

### Cumulative Assessment

To Chapter 2

1 Join.




2 Complete.

- 7 is 1 less than 8
- 10 comes just after 9
- 10 is 1 more than 9
- 7 comes just after 6
- 3 is more than 2
- 8 comes just before 9
- 4 is 1 less than 5
- 7 comes just before 8

3 Write the missing numbers on each number line.

4 Write the number of raised fingers.

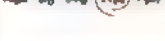
## Page 16

5 Color one box for each item to show how many of each item.

• Answer the questions.

- How many are there? 9
- How many are there? 4
- How many are there? 5

• Circle the item that shows the least.



6 Circle the correct number on the number line.

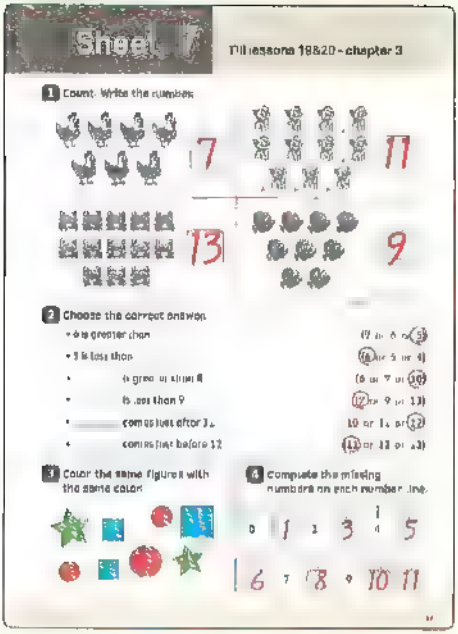
- One less than 3

- One more than 6

- One less than 7

- One more than 8

## Page 17



Sheet 7 — Till lessons 19&20 - chapter 3

1 Count. Write the number.

7 11 13 9

2 Choose the correct answer.

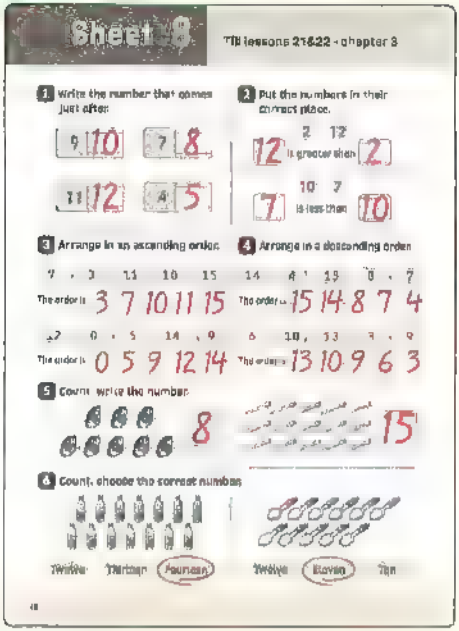
- 6 is greater than (7 or 6 or 5)
- 5 is less than (6 or 5 or 4)
- is greater than 8 (6 or 7 or 10)
- is less than 9 (12 or 9 or 13)
- comes just after 11 (10 or 11 or 12)
- comes just before 12 (11 or 12 or 13)

3 Color the same figures with the same color.

4 Complete the missing numbers on each number line.

0 1 2 3 4 5 6 7 8 9 10 11

## Page 18



Sheet 8 — Till lessons 21&22 - chapter 3

1 Write the number that comes just after.

9 10 7 8 11 12 4 5

2 Put the numbers in their correct place.

2 12 12 is greater than 2

10 7 7 is less than 10

3 Arrange in an ascending order.

7 3 11 10 15 — The order is 3 7 10 11 15

12 0 5 14 9 — The order is 0 5 9 12 14

4 Arrange in a descending order.

14 4 15 0 7 — The order is 15 14 8 7 4

6 10 13 3 9 — The order is 13 10 9 6 3

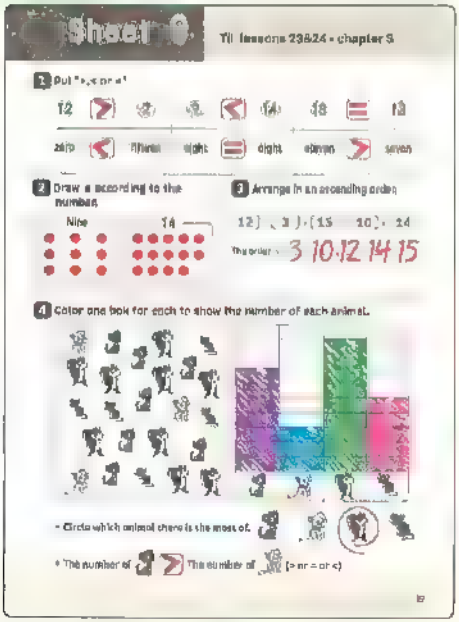
5 Count. Write the number.

8 15

6 Count. Choose the correct number.

Twelve Thirteen Fourteen Twelve Eleven Ten

## Page 19



Sheet 9 — Till lessons 23&24 - chapter 3

2 Put ">, < or =".

12 > 2 3 < 14 18 = 13

zero < fifteen eight = eight eleven > seven

2 Draw a according to the number.

Nine 14

3 Arrange in an ascending order.

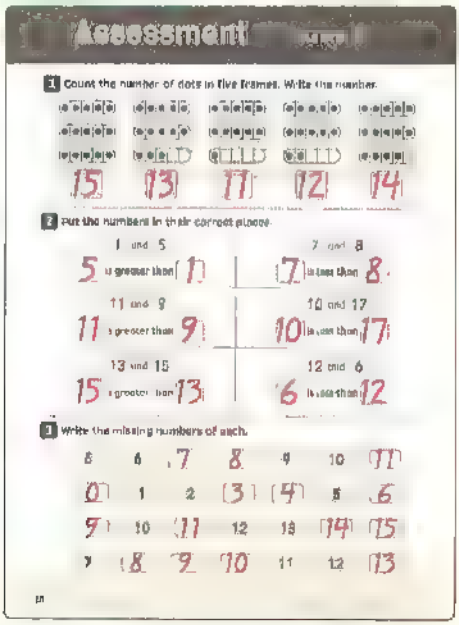
12 3 15 10 14

The order is 3 10 12 14 15

4 Color one box for each to show the number of each animal.

- Circle which animal there is the most of.
- The number of > The number of (> or = or <)

## Page 20



Assessment

1 Count the number of dots in five frames. Write the number.

15 13 11 12 14

2 Put the numbers in their correct places.

1 and 5: 5 is greater than 1

7 and 8: 7 is less than 8

11 and 9: 11 is greater than 9

10 and 17: 10 is less than 17

13 and 15: 15 is greater than 13

12 and 6: 6 is less than 12

3 Write the missing numbers of each.

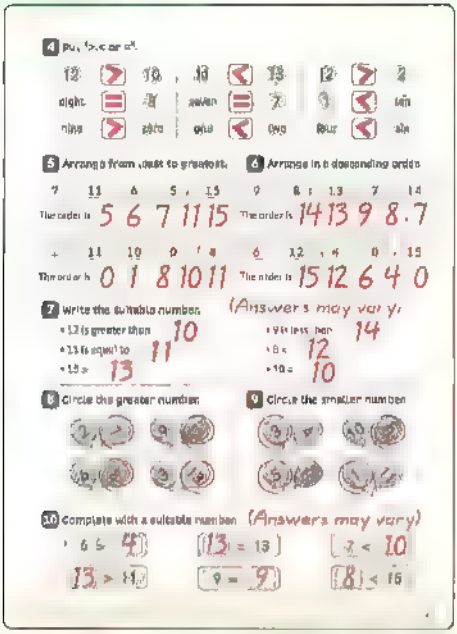
5 6 7 8 9 10 11

0 1 2 3 4 5 6

9 10 11 12 13 14 15

7 8 9 10 11 12 13

## Page 21



4 Put '>, < or ='.

12 > 10 , 10 < 13 , 12 > 2

eight = 8 , seven = 7 , 1 < ten

nine > zero , one < two , four < six

5 Arrange from least to greatest.

7 11 6 5 , 15 — The order is 5 6 7 11 15

1 11 10 0 , 4 — The order is 0 1 8 10 11

6 Arrange in a descending order.

9 8 , 13 7 14 — The order is 14 13 9 8 7

6 12 , 4 0 , 15 — The order is 15 12 6 4 0

7 Write the suitable number. (Answers may vary)

- 12 is greater than 10
- 11 is equal to 11
- 15 > 13
- 9 is less than 14
- 8 < 12
- 10 = 10

8 Circle the greater number.

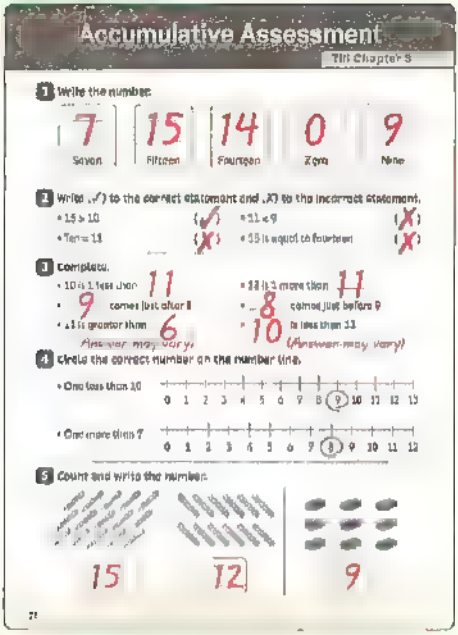
9 Circle the smaller number.

10 Complete with a suitable number. (Answers may vary)

6 > 4 , 13 = 13 , 7 < 10

13 > 11 , 9 = 9 , 8 < 15

## Page 22



Accumulative Assessment

Till Chapter 3

1 Write the number.

7 Seven , 15 Fifteen , 14 Fourteen , 0 Zero , 9 Nine

2 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 15 > 10 (✓)
- 11 < 9 (✗)
- Ten = 11 (✗)
- 15 is equal to fourteen (✗)

3 Complete.

- 10 is 1 less than 11
- 9 comes just after 8
- 11 is greater than 6 (Answer may vary)
- 12 is 1 more than 11
- 8 comes just before 9
- 10 is less than 11 (Answer may vary)

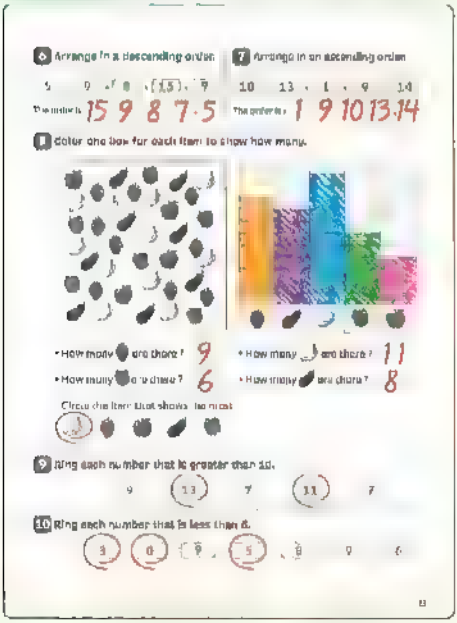
4 Circle the correct number on the number line.

- One less than 10: 0 1 2 3 4 5 6 7 8 9 10 11 12 13
- One more than 7: 0 1 2 3 4 5 6 7 8 9 10 11 12

5 Count and write the number.

15 , 12 , 9

## Page 23



6 Arrange in a descending order.

5 9 8 , 15 , 9 — The order is 15 9 8 7 5

7 Arrange in an ascending order.

10 13 , 1 , 9 14 — The order is 1 9 10 13 14

8 Color one box for each item to show how many.

- How many are there? 9
- How many are there? 11
- How many are there? 6
- How many are there? 8

Circle the item that shows the most.

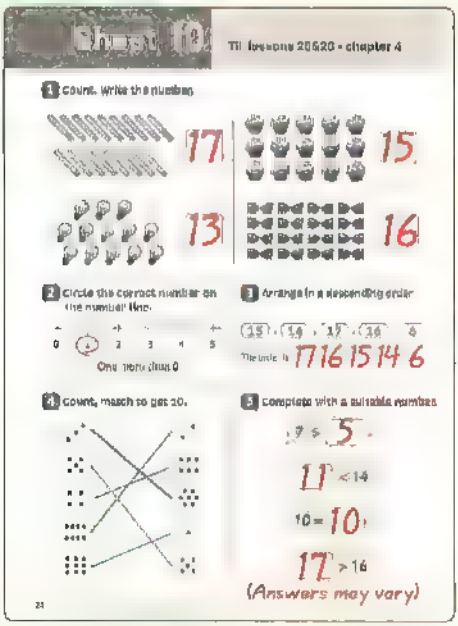
9 Ring each number that is greater than 10.

9 13 7 11 7

10 Ring each number that is less than 6.

3 0 9 5 8 9 6

## Page 24



Chapter 4

Till lessons 20&20 - chapter 4

1 Count, write the number.

17 , 15 , 13 , 16

2 Circle the correct number on the number line.

0 1 2 3 4 5

One more than 0

3 Arrange in a descending order.

15 , 14 , 17 , 16 , 6 — The order is 17 16 15 14 6

4 Count, match to get 10.

5 Complete with a suitable number.

7 > 5

11 < 14

10 = 10

17 > 16

(Answers may vary)

## Page 25

Till lesson 27 chapter 4

1 Plot dots in ten frames to represent the numbers.

5 12 17

2 Write the number.

15 (Fifteen) 12 (Twelve) 17 (Seventeen) 16 (Sixteen) 14 (Fourteen) 13 (Thirteen)

3 Write the number which comes just after.

10 11 4 5 8 9 17 18

4 Use the following picture to complete the picture graph.

- Put "=" or "≠".
- The number of > The number of
- The number of < The number of
- The number of > The number of

## Page 26

Till lessons 28&29 - chapter 4

1 Circle the smaller number.

2 Complete the missing numbers.

0 1 2 3 4 5 6
14 13 12 11 10 9 8 7
15 16 17 18 19 20

3 Count the dots in five frames. Write the number.

17 20 18 19

4 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 20 comes just after 19 ✗
- 18 comes just before 19 ✓
- Thirteen = 16 ✗
- 17 is less than 18 ✓
- Ten > 20 ✗

5 Choose the correct answer.

3 is greater than / is less than / is equal to 2
16 is greater than / is less than / is equal to 15
17 is greater than / is less than / is equal to 20
19 is greater than / is less than / is equal to 11

## Page 27

Till lesson 30 - chapter 4

1 Put ">", "<" or "=".

20 > Nineteen
15 > Five
18 = Eighteen
12 < Fourteen

2 Circle the picture that is different.

3 Ring each number that is greater than 12.

11 13 9 14 17 10

4 Circle the correct number on the number line.

Circle more than 2

5 Arrange in an ascending order.

13 20 19 7 17

The order is 7 13 17 19 20

6 Color according to the number of each item in the picture.

- Circle which item there is the most of

## Page 28

1 Plot dots in five frames to represent the numbers.

17 19 16 20 8

2 Write the number that comes just after.

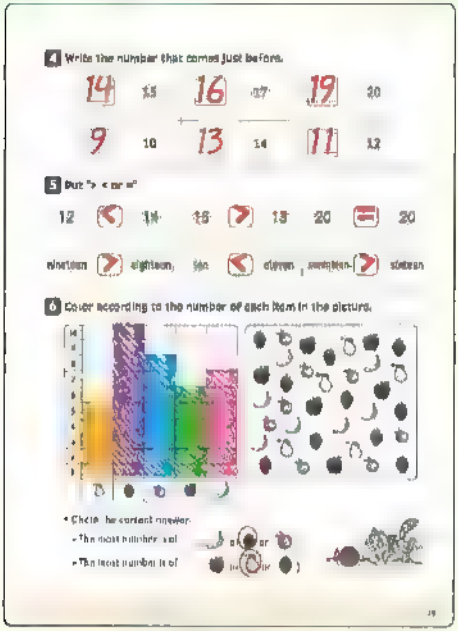
17 18 12 13 16 17

Nineteen 20 Thirteen 14 Eighteen 19

3 Use the following picture to complete the picture graph.

- Put "=" or "≠".
- The number of > The number of
- The number of < The number of
- The number of > The number of

## Page 29



4 Write the number that comes just before.

14 15 16 17 19 20

9 10 13 14 11 12

5 Put "> < or ="

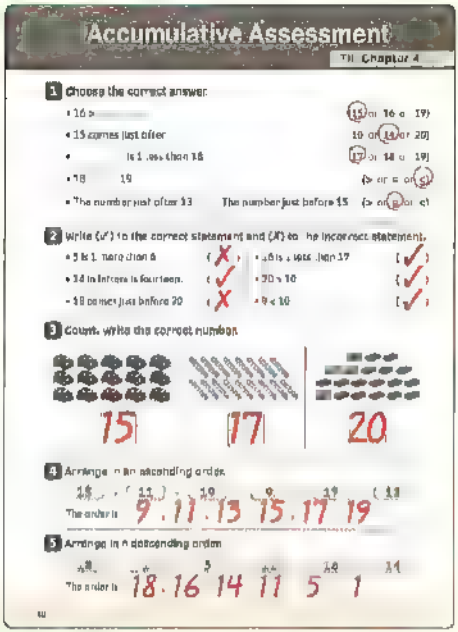
12 < 14 15 > 13 20 = 20

nineteen > eighteen, ten < eleven, seventeen > sixteen

6 Color according to the number of each item in the picture.

- Circle the correct answer.
  - The most number is of
  - The least number is of

## Page 30



Accumulative Assessment

Till Chapter 4

1 Choose the correct answer.

- 16 > (15 or 16 or 19)
- 15 comes just after (10 or 14 or 20)
- is 1 less than 18 (17 or 18 or 19)
- 18 19 (> or = or <)
- The number just after 13 The number just before 15 (> or = or <)

2 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 5 is 1 more than 6 (✗)
- 14 in letters is fourteen. (✓)
- 18 comes just before 20 (✗)
- 16 is 1 less than 17 (✓)
- 20 > 10 (✓)
- 9 < 10 (✓)

3 Count, write the correct number.

15 17 20

4 Arrange in an ascending order.

18 11 19 9 17 13

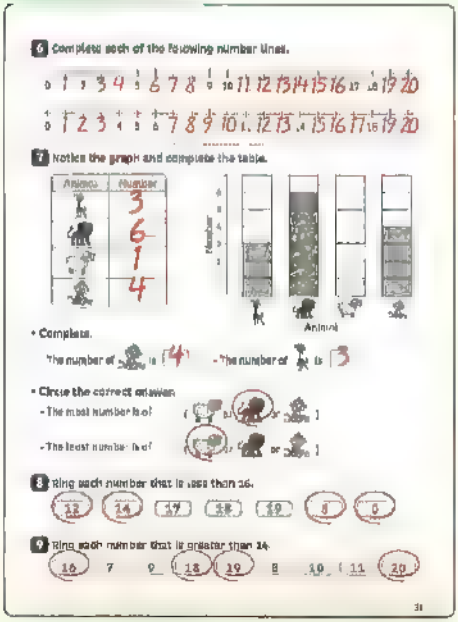
The order is 9 . 11 . 13 15 . 17 19

5 Arrange in a descending order.

8 5 10 14

The order is 18 . 16 14 11 5 1

## Page 31



6 Complete each of the following number lines.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

7 Notice the graph and complete the table.

| Animal | Number |
|---|---|
| | 3 |
| | 6 |
| | 1 |
| | 4 |

Number

Animal

- Complete.

The number of is 4 - The number of is 3

- Circle the correct answer.
  - The most number is of
  - The least number is of

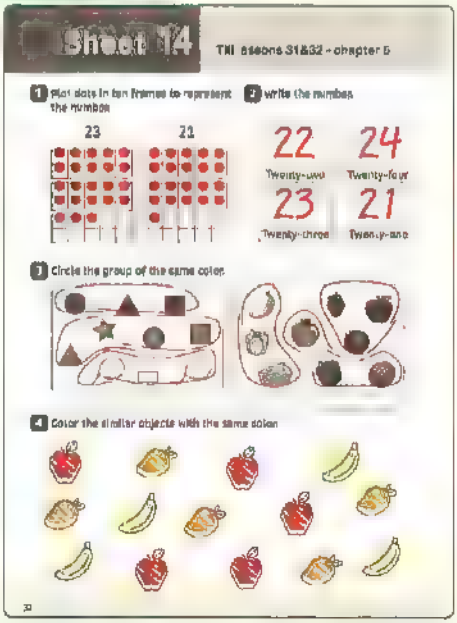
8 Ring each number that is less than 16.

12 14 17 18 19 8 0

9 Ring each number that is greater than 14.

16 7 9 18 19 8 10 11 20

## Page 32



Sheet 14

Till lessons 31&32 - chapter 5

1 Plot dots in ten frames to represent the number.

23 21

2 Write the number.

22 Twenty-two 24 Twenty-four

23 Twenty-three 21 Twenty-one

3 Circle the group of the same color.

4 Color the similar objects with the same color.

## Page 33

**5** Add.

| 3 | 2 | 2 | 5 | 7 |
|---|---|---|---|---|
| + 5 | + 4 | + 7 | + 5 | + 1 |
| 8 | 6 | 9 | 10 | 8 |

6 + 3 = 9    1 + 6 = 7

1 + 9 = 10    4 + 3 = 7

**6** Write ( > or < or = ).

24 [>] 20    19 [<] 23    21 [<] 24

9 [<] 21    Twenty-four [>] Fourteen    Twenty-one [>] 16

**7** Circle each number that is less than 16.

16   4   12   24   9   1

## Page 34

### Sheet 15

Till lessons 33&34 - chapter 5

**1** Count. Choose the correct answer.

21   23   25    19   20   21

**2** Count. Write the number.

27    26

**3** Put " >, < or = ".

23 [<] 26    Twenty-five [=] 25

19 [<] 26    Twenty-seven [>] 19

Six [<] Twenty-six

**4** Add. Write the sum.

2 + 3 = 7    4 + 3 = 7

| 7 | 8 | 5 | 9 |
|---|---|---|---|
| + 1 | + 0 | + 5 | + 6 |
| 8 | 8 | 10 | 9 |

**5** Rami has 5 red balloons and Yousef has 4 yellow balloons.

How many balloons do they both have ?

They have = 5 + 4 = 9 balloons.

**6** Shady has 6 pounds. His sister has 2 pounds. How much money do they have ?

What they both have = 6 + 2 = 8 pounds.

## Page 35

### Sheet 16

Till lessons 35&36 - chapter 5

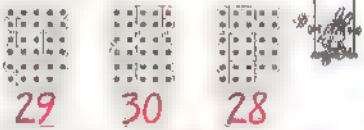
(Answers may vary)

**1** Write a suitable number.

29 < 30    26 = 26    19 > 14

Twenty-eight > 22    17 = Seventeen    27 < Twenty-nine

**2** Write the number of dots.



29    30    28

**3** Arrange in an ascending order.

27   14   28   21   30   24

The order is 14 , 21   24   27   28   30

**4** Circle the objects having the same shape.

**5** Complete the missing numbers.

5 6 7 8 9 10 11

14 15 16 17 18 19 20

18 19 20 21 22 23 24

25 26 27 28 29 30

12 13 14 15 16 17 18

**6** Color the same shapes with the same color.

## Page 36

### Sheet 17

Till lessons 37 to 40 - chapter 5

**1** Add, then complete using " >, < or = ".

3 + 2 < 0 + 4    3 + 4 < 4 + 5

3   4    7   9

5 + 5 = 1 + 7    6 + 2 > 1 + 3

10   10    8   4

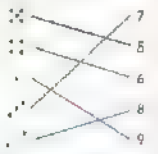
**2** Complete.

- 28 comes just after 27
- 23 comes just before 24
- 28 is 1 less than 29
- 21 is 1 more than 20
- 8 + 2 = 10

**3** Complete counting by 10's.

- 10 20 30
- 10 20 30

**4** Match to make 10.



7   5   6   8   9

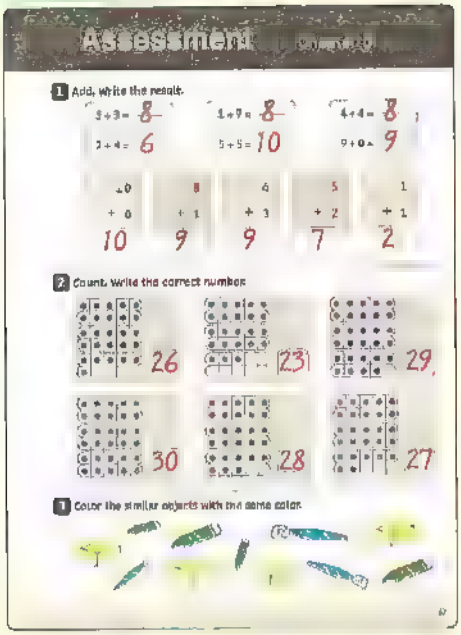
**5** Circle the objects having the same size ( large - medium - small ).

**6** Sara collected 4 yellow flowers and 2 red flowers.

How many flowers did Sara have?

Sara had = 4 + 2 = 6 flowers.

## Page 37



Assessment

1 Add, write the result.

3+3= 8 1+7= 8 4+4= 8
2+4= 6 5+5= 10 9+0= 9

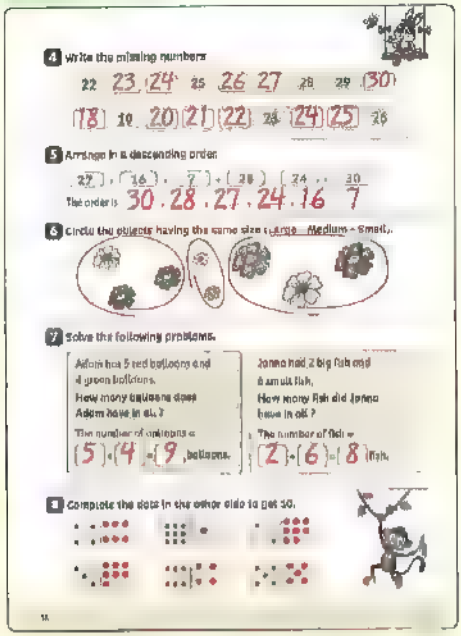
| 10 | 8 | 6 | 5 | 1 |
|---|---|---|---|---|
| + 0 | + 1 | + 3 | + 2 | + 1 |
| 10 | 9 | 9 | 7 | 2 |

2 Count. Write the correct number.

26 23 29
30 28 27

3 Color the similar objects with the same color.

## Page 38



4 Write the missing numbers.

22 23 24 25 26 27 28 29 30
18 19 20 21 22 23 24 25 26

5 Arrange in a descending order.

27 . 16 . 7 . 28 . 24 . 30
The order is 30 . 28 . 27 . 24 . 16 . 7

6 Circle the objects having the same size (Large - Medium - Small).

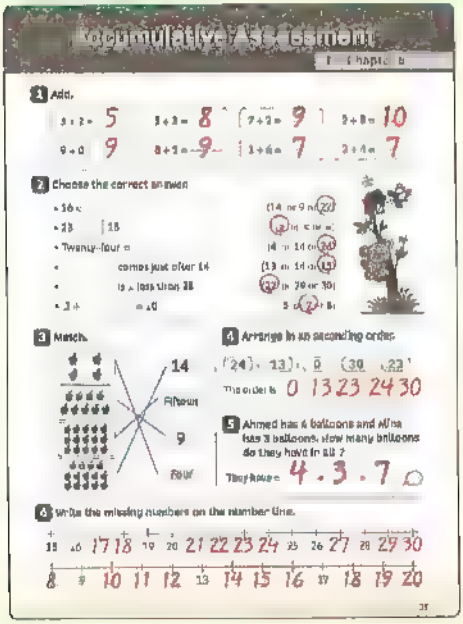
7 Solve the following problems.

Adam has 5 red balloons and 4 green balloons.
How many balloons does Adam have in all?
The number of balloons = 5 + 4 = 9 balloons.

Jonna had 2 big fish and 6 small fish.
How many fish did Jonna have in all?
The number of fish = 2 + 6 = 8 fish.

8 Complete the dots in the other side to get 10.

## Page 39



Accumulative Assessment

1 Add.

3+2= 5 3+3= 8 7+2= 9 2+8= 10
9+0= 9 8+1= 9 1+6= 7 3+4= 7

2 Choose the correct answer.

- 16 = (14 or 9 or 22)
- 23 = 18 (2 or 5 or 8)
- Twenty-four = (4 or 14 or 24)
- comes just after 14 (13 or 14 or 15)
- is a less than 28 (22 or 29 or 30)
- 3 + = 10 5 or 2 or 8

3 Match.

14 Fifteen 9 Four

4 Arrange in an ascending order.

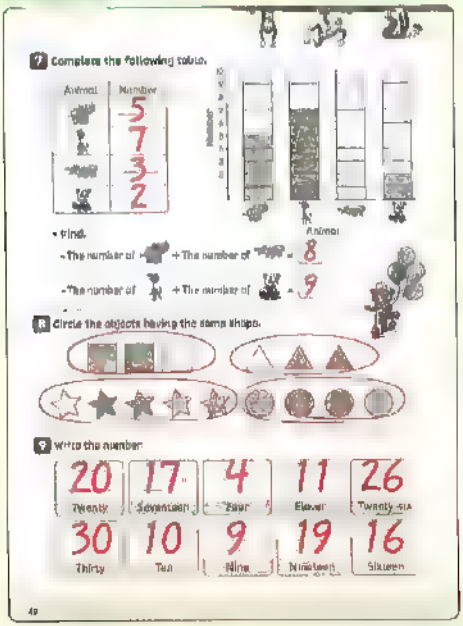
24 . 13 . 0 . 30 . 23
The order is 0 13 23 24 30

5 Ahmed has 6 balloons and Mina has 3 balloons. How many balloons do they have in all?
They have = 4 . 3 . 7

6 Write the missing numbers on the number line.

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
8 9 10 11 12 13 14 15 16 17 18 19 20

## Page 40



7 Complete the following table.

| Animal | Number |
|---|---|
| | 5 |
| | 7 |
| | 3 |
| | 2 |

- Find.
- The number of + The number of = 8
- The number of + The number of = 9

8 Circle the objects having the same shape.

9 Write the number.

| 20 | 17 | 4 | 11 | 26 |
|---|---|---|---|---|
| Twenty | Seventeen | Four | Eleven | Twenty-six |
| 30 | 10 | 9 | 19 | 16 |
| Thirty | Ten | Nine | Nineteen | Sixteen |

## Page 41

### Sheet 18

Till lessons 41 to 43 - chapter 6

**1** Count the objects, write the correct number.

35 29

30 32

**2** Find the result.

| | | |
|---|---|---|
| 7 - 2 = 5 | 6 - 3 = 9 | 8 - 1 = 7 |
| 2 + 5 = 7 | 9 - 4 = 5 | 7 - 3 = 10 |
| 10 - 4 = 6 | 4 + 7 = 6 | 6 - 6 = 0 |

**3** Write the missing numbers.

18 19 20 21 22
24 25 26 27 28
20 21 22 23 24
28 29 30 31 32
31 32 33 34 35

**4** Circle the shape that is different in each row.

## Page 42

### Sheet 19

Till lessons 44 to 46 - chapter 6

**1** Use the number line to subtract.

0 1 2 3 4 5 6 7 8 9 10

4 - 1 = 3 9 7 5 10
8 - 8 = 0 4 2 3 - 2
6 - 2 = 4 5 5 2 8

**2** Draw ● to represent the number.

37 40

**3** Write ( > , < or = ).

39 ( > ) 29
Thirty-eight ( = ) 38
37 ( > ) Seventeen
8 - 1 ( < ) 7 + 2

**4** Put the numbers in their correct places.

12 17
(17) is greater than (12)
24 31
(24) is less than (31)

**5** Complete with a suitable number.

31 comes just before 32
20 comes just after 19

**6** Match to get 10.

3 2 9 0 6
1 7 8 4 10

## Page 43

### Sheet 20

Till lessons 47&48 - chapter 6

**1** Find the difference between.

5 and 3 6 and 9
5 - 3 = 2 9 - 6 = 3

**2** Complete each fact family.

| 5 1 6 | 4 5 9 | 7 3 10 |
|---|---|---|
| 5 - 1 = 6 | 4 - 5 = 9 | 7 + 3 = 10 |
| 1 - 5 = 6 | 5 - 4 = 9 | 3 + 7 = 10 |
| 6 - 1 = 5 | 9 - 4 = 5 | 10 - 7 = 3 |
| 6 - 5 = 1 | 9 - 5 = 4 | 10 - 3 = 7 |

**3** Put ">, < or =".

1 + 6 < 2 + 8 9 - 5 = 3 + 1
7 10 4 4
3 + 8 > 7 - 7 10 - 3 < 4 + 4
3 0 7 8

**4** Color one box for each to show the number of each item.

• Circle the item that is the most of.

## Page 44

### Sheet 21

Till lessons 49&50 - chapter 6

**1** Draw ● to show the number.

32 37 40 33 36

**2** Write the missing numbers in each.

3 4 5 6 7 8
9 10 11 12 13 14
15 16 17 18 19 20
21 22 23 24 25 26

**3** Magy had 8 books. She gave 2 books to Nada.

How many books have left with Magy?

The left books = 8 - 2
= 6 books

**4** Put ">, < or =".

12 ( < ) 21 18 ( > ) 17
15 ( = ) 15 5 ( < ) 20
Nine ( > ) Zero Sixteen ( < ) Nineteen

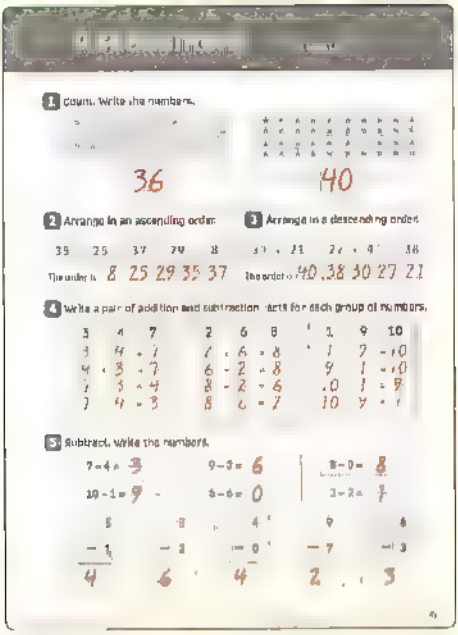
**5** Find the results.

8 + 3 = 8
10 - 2 = 8
7 + 1 = 8
6 - 6 = 0

8 - 4
- 4 + 1
4 5

**6** Circle the figures with the same shape.

## Page 45



1 Count. Write the numbers.

36 40

2 Arrange in an ascending order.

35 25 37 29 8

The order is 8 25 29 35 37

3 Arrange in a descending order.

37 21 27 4 38

The order is 40 38 30 27 21

4 Write a pair of addition and subtraction facts for each group of numbers.

| 3 | 4 | 7 | 2 | 6 | 8 | 1 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|
| 3 | 4 | 7 | 2 | 6 | 8 | 1 | 9 | 10 |
| 4 | 3 | 7 | 6 | 2 | 8 | 9 | 1 | 10 |
| 7 | 3 | 4 | 8 | 2 | 6 | 10 | 1 | 9 |
| 7 | 4 | 3 | 8 | 6 | 2 | 10 | 9 | 1 |

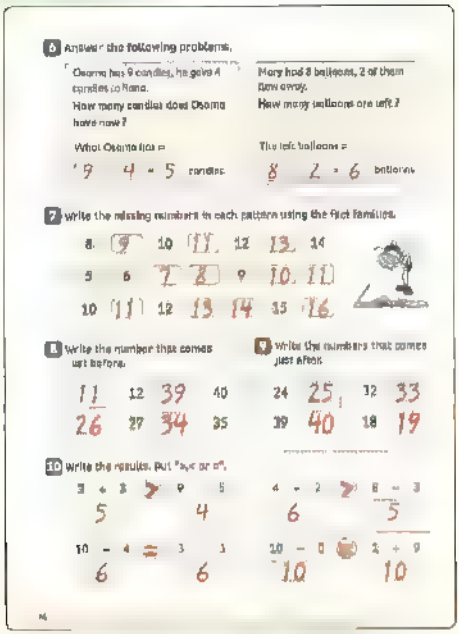
5 Subtract. Write the numbers.

7 − 4 = 3 9 − 3 = 6 8 − 0 = 8

10 − 1 = 9 6 − 6 = 0 3 − 2 = 1

5 − 1 = 4 3 − 2 = 6 4 − 0 = 4 9 − 7 = 2 6 − 3 = 3

## Page 46



6 Answer the following problems.

Osama has 9 candies, he gave 4 candies to Rana. How many candies does Osama have now?

What Osama has = 9 − 4 = 5 candies

Mary had 8 balloons, 2 of them flew away. How many balloons are left?

The left balloons = 8 − 2 = 6 balloons

7 Write the missing numbers in each pattern using the fact families.

8 9 10 11 12 13 14

5 6 7 8 9 10 11

10 11 12 13 14 15 16

8 Write the number that comes just before.

11 12 39 40

26 27 34 35

9 Write the numbers that comes just after.

24 25 32 33

39 40 18 19

10 Write the results. Put ">, < or =".

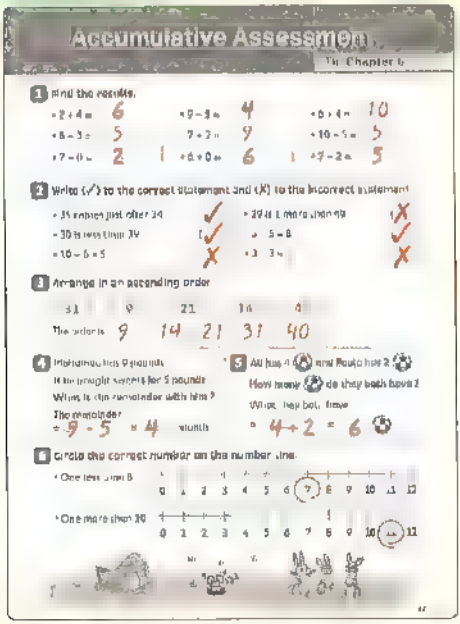
3 + 3 > 9 − 5 4 + 2 > 8 − 3

5 4 6 5

10 − 4 = 3 + 3 10 − 0 = 2 + 9

6 6 10 10

## Page 47



Accumulative Assessment

Chapter 6

1 Find the results.

2 + 4 = 6 9 − 3 = 4 6 + 4 = 10

8 − 3 = 5 7 + 2 = 9 10 − 5 = 5

7 − 0 = 2 6 + 0 = 6 7 − 2 = 5

2 Write (✓) to the correct statement and (✗) to the incorrect statement.

35 comes just after 34 ✓ 29 is 1 more than 30 ✗

30 is less than 39 ✓ 5 − 8 ✓

10 − 6 = 5 ✗ 3 − 3 = ✗

3 Arrange in an ascending order.

31 9 21 14 40

The order is 9 14 21 31 40

4 Mohamed has 9 pounds. It he bought sweets for 5 pounds. What is the remainder with him? The remainder = 9 − 5 = 4 pounds

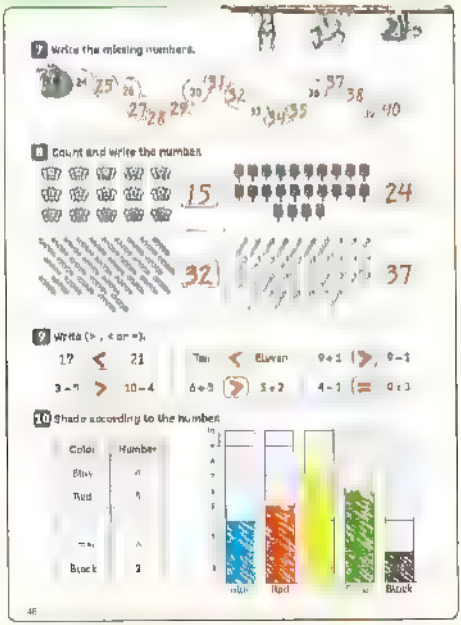
5 All has 4 and Rauta has 2. How many do they both have? What they both have = 4 + 2 = 6

6 Circle the correct number on the number line.

One less than 8: 0 1 2 3 4 5 6 7 8 9 10 11 12

One more than 10: 0 1 2 3 4 5 6 7 8 9 10 11 12

## Page 48



7 Write the missing numbers.

24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

8 Count and write the number.

15 24

32 37

9 Write (>, < or =).

17 < 21 Ten < Eleven 9 + 1 > 9 − 1

3 − 7 > 10 − 4 6 + 3 > 3 + 2 4 − 1 = 0 + 3

10 Shade according to the number.

| Color | Number |
|---|---|
| Blue | 4 |
| Red | 5 |
| Green | 6 |
| Black | 2 |

Blue Red Green Black

## Page 49

### Sheet 22

Till lessons 51&52 - chapter 7

1 Write the times below the clocks.

4 o'clock | 7 o'clock | 10 o'clock | 6 o'clock

2 Write a suitable number. (Answers may vary)

21 > 18 | 3 = 3 | 5 < 17

15 < 31 | 12 = 12 | 40 > 30

3 Use the number chart to find the results.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

5 − 2 = 3 | 4 + 3 = 7 | 6 − 4 = 2

3 + 6 = 9 | 10 − 2 = 8 | 3 + 5 = 10

4 Complete the fact family.

9 1 9

7 2 9

2 7 9

9 − 1 = 8

9 − 8 = 1

5 Color the picture that does not belong.

## Page 50

### Sheet 23

Till lessons 53&54 - chapter 7

1 Complete the following.

20 21 22 23 24 25 26 27 28 29

40 41 42 43 44 45 46 47 48 49

2 Draw the hour hand on the clock faces. Write the time on the digital clocks.

3 o'clock | 5 o'clock | 10 o'clock

03:00 | 05:00 | 10:00

3 Circle the picture that does not belong in each row.

4 Complete with a suitable number.

31 comes just after 30

14 comes just before 15

8 comes just after 7

22 comes just before 23

5 Sandra had 10 crayons. She gave 3 to her friend.

She many crayons are left?

The left crayons = 10 − 3 = 7 crayons.

## Page 51

### Sheet 24

Till lessons 55&56 - chapter 7

1 Put '>', '<' or '='.

30 > 29 | 18 < 31 | 9 < 8

Seventeen < 27 | Twenty-five = 25 | Sixteen > Fourteen

2 Write the missing numbers of each.

10 9 8 7 6 5 4 3 2 1 0

50 51 52 53 54 55 56 57 58 59 60

59 60 61 62 63 64 65 66 67 68 69

3 Find the difference between

10 and 3

10 − 3 = 7

2 and 8

8 − 2 = 6

4 Use the picture to complete the picture graph.

5 Cross out the animal that is different.

## Page 52

### Sheet 25

Till lessons 57 to 60 - chapter 7

1 Put '+' or '-'

4 + 3 = 7

10 − 6 = 4

2 + 2 = 0

9 + 2 = 9

2 Complete the missing numbers.

41 42 43 44 45 46 47 48 49 50

51 52 53 54 55 56 57 58 59 60

61 62 63 64 65 66 67 68 69 70

71 72 73 74 75 76 77 78 79 80

81 82 83 84 85 86 87 88 89 90

91 92 93 94 95 96 97 98 99 100

3 Find the results.

10 + 4 = 14 | 12 + 3 = 15 | 9 + 10 = 19

8 | 18 | 14 | 13

4 Match.

5 Choose.

- 13 is greater than (15 or 12)
- 24 is less than (30 or 20)
- comes just after 16 (15 or 17)
- comes just before 28 (27 or 29)
- is equal to 20 (20 or 30)

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## Assessme... Chapter 7

1 Draw the hour hand on the clock faces. Write the time on the digital clocks.

11 o'clock — 11:00 | 7 o'clock — 07:00 | 4 o'clock — 04:00

2 Find the results.

12 + 5 = 17 | 17 + 1 = 16 | 13 − 9 = 4

10 + 8 = 18 | 11 + 6 = 17 | 20 − 10 = 10

| 14 | 6 | 19 | 15 |
|---|---|---|---|
| + 9 | − 8 | + 53 | − 2 |
| 14 | 6 | 19 | 10 | 13 |

3 Write the missing numbers.

50 51 52 53 54 55 56 57 58 59

91 92 93 94 95 96 97 98 99 100

85 86 87 88 89 90 91 92 93 94

61 62 63 64 65 66 67 68 69 70

Page 54

4 Cross out the picture that does not belong in each group.

5 Complete the following using subtraction fact families.

| 8 | 7 | 6 | 5 | 4 | 3 |
|---|---|---|---|---|---|
| 10 | 9 | 8 | 7 | 6 | 5 |
| 5 | 4 | 3 | 2 | 1 | 0 |

6 Put + or −.

5 + 3 = 8 | 6 − 2 = 4

9 − 2 = 7 | 9 + 1 = 10

7 Put >, < or =.

9 + 5 > 16 − 12 | 6 + 8 = 16 − 2

12 | 3 | 14 | 14

18 | 8 < 3 + 13 | 20 − 7 > 9 | 3

10 | 16 | 13 | 12

Page 55

## Accumulative Assessm...

1 Find the results.

7 + 8 = 15 | 18 − 6 = 9 | 11 + 2 = 13 | 20 − 6 = 14

| 8 | 6 | 13 | 18 | 13 | 17 |
|---|---|---|---|---|---|
| + 5 | + 7 | + 4 | − 5 | ? | + 1 |
| 13 | 13 | 17 | 13 | 5 | 18 |

2 Count, write the number.

15 | 35 | 19 | 25

3 Arrange in an ascending order

63 73 81 29 100 54 39 69 17 90

The order is 29, 63, 73, 81, 100

4 Arrange in a descending order

The order is 90, 69, 54, 47, 39

5 Cross out the picture that does not belong in each group.

Page 56

6 Choose the correct answer

- 65 + 1 greater than (60 or 65 or 66)
- is love or 83 (90 or 99)
- comes last after 79 (78 or 80 or 84)
- is equal to eleven (10 or 11 or 12)
- 89 (80 | > or < or =)

7 Complete the fact family

| 8 | 3 | 5 |
|---|---|---|
| 3 | 5 | 8 |
| 5 | 3 | 8 |
| 8 | 3 | 5 |
| 8 | 5 | 3 |

8 Write the time below the clocks.

3 o'clock | 12 o'clock | 6 o'clock

9 Draw the two hands of the clock.

8 o'clock | 4 o'clock | 1 o'clock

10 Petra baked 16 big cookies and 3 small cookies.

How many cookies did she bake in all?

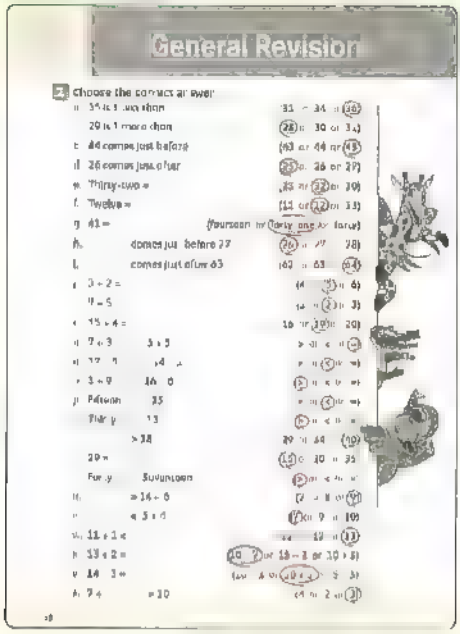
What she baked = 16 + 3 = 19 cookies

11 Ahmed has 9 marbles. His friend Mostafa has 6 marbles.

How many more marbles does Ahmed have?

What Ahmed has more than Mostafa = 9 − 6 = 3 marbles.

## Page 58

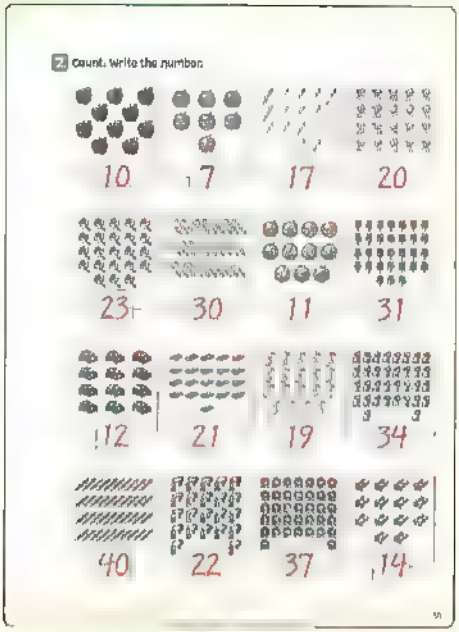


General Revision

2 Choose the correct answer.

a. 35 is 1 less than (31 or 34 or 36)
29 is 1 more than (28 or 30 or 31)
c. 44 comes just before (43 or 44 or 45)
d. 26 comes just after (25 or 26 or 27)
e. Thirty-two = (35 or 32 or 30)
f. Twelve = (11 or 12 or 13)
g. 41 = (fourteen or forty-one or forty)
h. comes just before 27 (26 or 27 or 28)
i. comes just after 63 (62 or 63 or 64)
j. 3 + 2 = (4 or 5 or 6)
4 + 5 (4 or 2 or 3)
k. 15 + 4 = (16 or 19 or 20)
l. 7 + 3 = 3 + 5 (> or < or =)
m. 17 + 1 = 14 + 4 (> or < or =)
n. 3 + 9 = 16 + 0 (> or < or =)
o. Fifteen = 15 (> or < or =)
Thirty = 13 (> or < or =)
> 38 (39 or 44 or 40)
29 = (15 or 10 or 35)
Forty = Seventeen (> or < or =)
p. = 14 + 6 (7 or 8 or 9)
q. < 3 + 6 (7 or 9 or 10)
r. 11 + 1 = (12 or 13)
s. 13 + 2 = (10 or 7 or 15 – 2 or 10 + 3)
t. 14 + 3 = (10 or 4 or 10 + 4 or 5 + 3)
u. 7 + = 10 (4 or 2 or 3)

## Page 59



2 Count. Write the number.

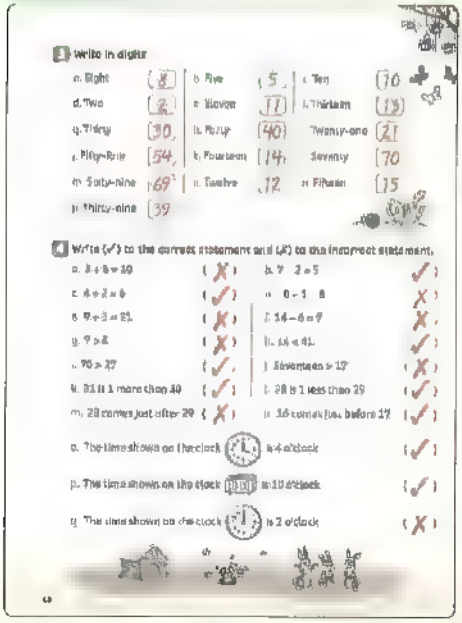
10 7 17 20

23 30 11 31

12 21 19 34

40 22 37 14

## Page 60



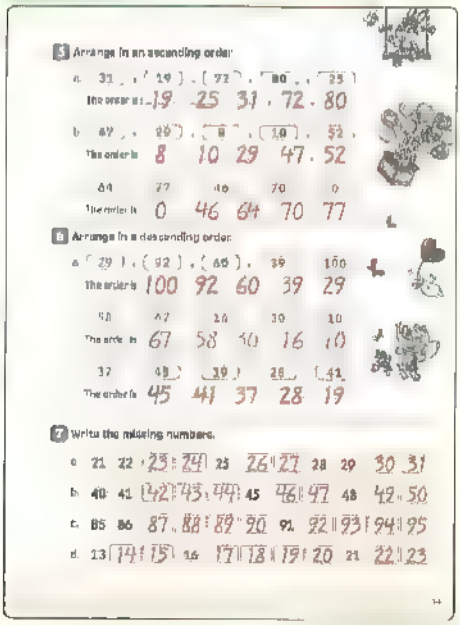
3 Write in digits.

a. Eight (8) b. Five (5) c. Ten (10)
d. Two (2) e. Eleven (11) f. Thirteen (13)
g. Thirty (30) h. Forty (40) i. Twenty-one (21)
j. Fifty-five (54) k. Fourteen (14) l. Seventy (70)
m. Sixty-nine (69) n. Twelve (12) o. Fifteen (15)
p. Thirty-nine (39)

4 Write (✓) to the correct statement and (✗) to the incorrect statement.

a. 3 + 6 = 10 (✗) b. 7 + 2 = 5 (✓)
c. 4 + 2 = 6 (✓) d. 0 + 1 = 8 (✗)
e. 9 + 3 = 21 (✗) f. 14 – 6 = 9 (✗)
g. 7 > 8 (✗) h. 14 < 41 (✓)
i. 70 > 27 (✓) j. Seventeen > 17 (✗)
k. 31 is 1 more than 40 (✓) l. 28 is 1 less than 29 (✓)
m. 28 comes just after 29 (✗) n. 16 comes just before 17 (✓)
o. The time shown on the clock is 4 o'clock (✓)
p. The time shown on the clock is 10 o'clock (✓)
q. The time shown on the clock is 2 o'clock (✗)

## Page 61



5 Arrange in an ascending order.

a. 31 , 19 , 72 , 80 , 25
The order is 19 25 31 72 80

b. 47 , 29 , 8 , 10 , 52
The order is 8 10 29 47 52

64 77 46 70 0
The order is 0 46 64 70 77

6 Arrange in a descending order.

a. 29 , 92 , 60 , 39 , 100
The order is 100 92 60 39 29

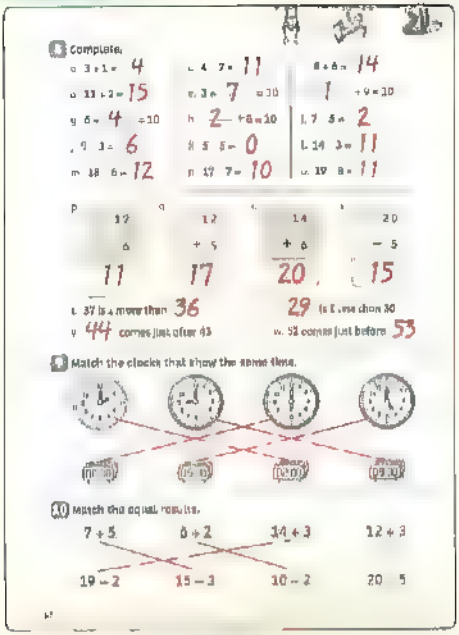
58 67 16 30 10
The order is 67 58 30 16 10

37 45 19 28 41
The order is 45 41 37 28 19

7 Write the missing numbers.

a. 21 22 23 24 25 26 27 28 29 30 31
b. 40 41 42 43 44 45 46 47 48 49 50
c. 85 86 87 88 89 90 91 92 93 94 95
d. 13 14 15 16 17 18 19 20 21 22 23

## Page 62



8 Complete.

a. 3 + 1 = 4
b. 11 + 2 = 15
c. 4 + 7 = 11
d. 8 + 6 = 14
e. 3 + 7 = 10
f. 1 + 9 = 10
g. 6 + 4 = 10
h. 2 + 8 = 10
i. 7 + 5 = 2
j. 9 + 3 = 6
k. 5 + 5 = 0
l. 14 + 3 = 11
m. 18 + 6 = 12
n. 17 + 7 = 10
o. 19 + 8 = 11

| p | q | r | s |
|---|---|---|---|
| 12 | 12 | 14 | 20 |
| + 6 | + 5 | + 6 | − 5 |
| 11 | 17 | 20 | 15 |

t. 37 is 1 more than 36
u. 29 is 1 less than 30
v. 44 comes just after 43
w. 52 comes just before 53

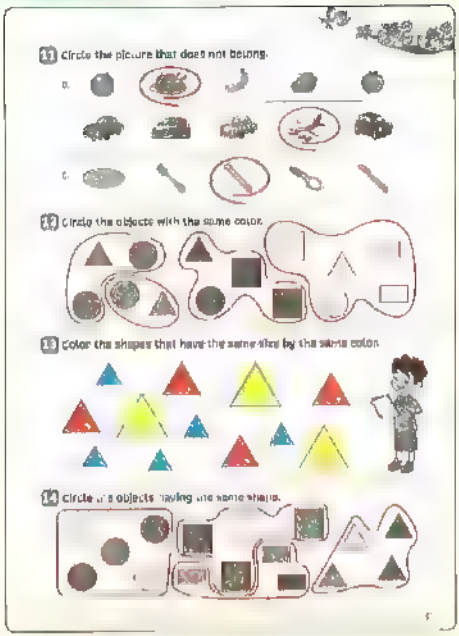
9 Match the clocks that show the same time.

10 Match the equal results.

7 + 5    6 + 2    14 + 3    12 + 3

19 − 2    15 − 3    10 − 2    20 − 5

## Page 63



11 Circle the picture that does not belong.

a.

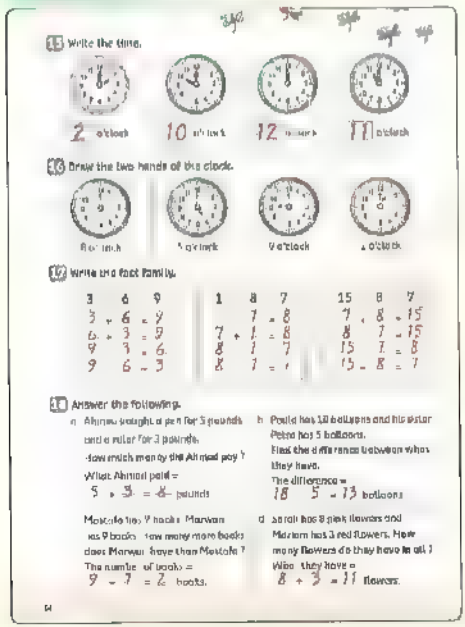
c.

12 Circle the objects with the same color.

13 Color the shapes that have the same size by the same color.

14 Circle the objects having the same shape.

## Page 64



15 Write the time.

2 o'clock    10 o'clock    12 o'clock    11 o'clock

16 Draw the two hands of the clock.

8 o'clock    5 o'clock    9 o'clock    4 o'clock

17 Write the fact family.

| 3 | 6 | 9 | 1 | 8 | 7 | 15 | 8 | 7 |
|---|---|---|---|---|---|---|---|---|
| 3 + | 6 = | 9 | | 7 = | 8 | 7 + | 8 = | 15 |
| 6 + | 3 = | 9 | 7 + | 1 = | 8 | 8 + | 7 = | 15 |
| 9 − | 3 = | 6 | 8 − | 1 = | 7 | 15 − | 7 = | 8 |
| 9 − | 6 = | 3 | 8 − | 7 = | 1 | 15 − | 8 = | 7 |

18 Answer the following.

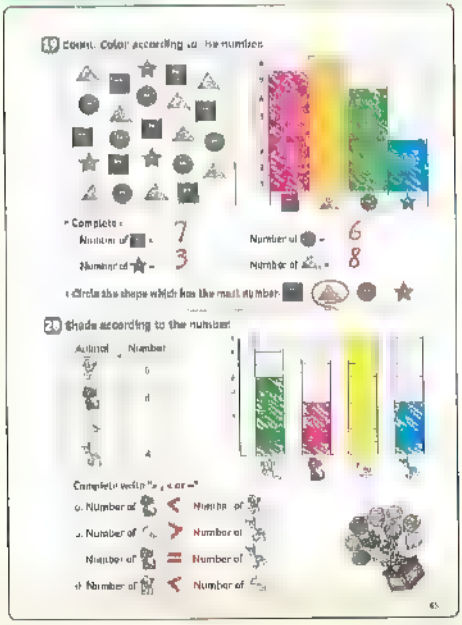
a. Ahmad bought a pen for 5 pounds and a ruler for 3 pounds.
How much money the Ahmad pay?
What Ahmad paid =
5 + 3 = 8 pounds

b. Paula has 10 balloons and his sister Petra has 5 balloons.
Find the difference between who's they have.
The difference =
18 − 5 = 13 balloons

c. Mostafa has 9 books. Marwan has 9 books. How many more books does Marwan have than Mostafa?
The number of books =
9 − 7 = 2 books.

d. Sarah has 8 pink flowers and Mariam has 3 red flowers. How many flowers do they have in all?
Who they have =
8 + 3 = 11 flowers.

## Page 65



19 Count. Color according to the number.

Complete:
Number of ■ = 7
Number of ★ = 3
Number of ● = 6
Number of ▲ = 8

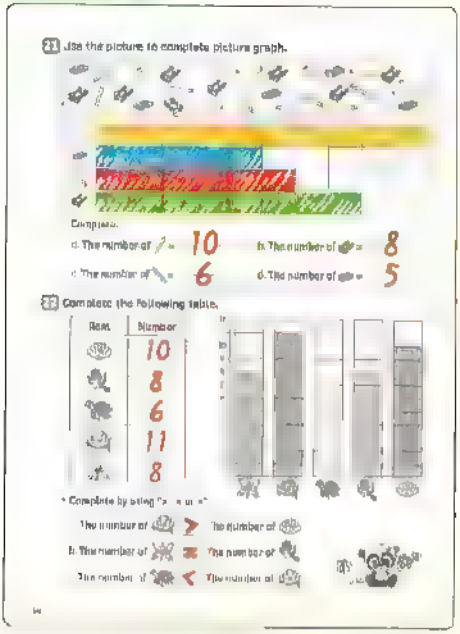
Circle the shape which has the most number.

20 Shade according to the number.

| Animal | Number |
|---|---|
| | 6 |
| | 8 |
| | 4 |

Complete with ">, < or =".

a. Number of ■ < Number of ■
b. Number of ▲ > Number of ▲
c. Number of ■ = Number of ■
d. Number of ■ < Number of ■


21 Use the picture to complete picture graph.

Complete.

a. The number of = 10

b. The number of = 8

c. The number of = 6

d. The number of = 5

22 Complete the following table.

| Item | Number |
|---|---|
| | 10 |
| | 8 |
| | 6 |
| | 11 |
| | 8 |

* Complete by using "<", ">" or "=".

a. The number of > The number of

b. The number of = The number of

c. The number of < The number of

## Page 68

### Assessment 1

1. Add or subtract.

| 3 | 12 | 20 | 9 | 6 |
|---|---|---|---|---|
| + 5 | + 1 | 5 | + 0 | 2 |
| 8 | 13 | 15 | 9 | 4 |

9 + 1 = 10    14 − 8 = 6    8 − 0 = 8

3 − 3 = 0    13 + 5 = 18    7 + 7 = 14

2. Complete.

a. 36 comes just after 35    b. 39 comes just before 40

c. 8 + 2 = 10    d. 24 is 3 more than 23

3. Write a pair of addition and subtraction facts for each group of numbers.

| 6 | 3 | 9 |
|---|---|---|
| 3 | 6 | = 9 |
| 6 | + 3 | = 9 |
| 9 | − 3 | = 6 |
| 9 | 6 | = 3 |

| 2 | 5 | 7 |
|---|---|---|
| 2 | + 5 | 7 |
| 5 | + 2 | = 7 |
| 7 | 2 | = 5 |
| 7 | − 5 | 2 |

4. Put "> < or =".

7   <   Nine

5 + 5   <   Eleven

6 − 2   =   4

3 + 4   <   10 − 2

8 − 7   <   1 + 1

## Page 69

5. Write the missing numbers of each.

85 86 87 88 89 90 91 92

0 1 2 3 4 5 6 7

61 62 63 64 65 66 67 68

6. Cross out the different item in each row.

7. Bernard 9 apples. She gave 2 to her friends.

How many apples are left?

The last apples =

9 − 2 = 7 apples

8. Color to show how many of each item.

Circle the item there is the most of

## Page 70

### Assessment 2

1. Draw a according to the number.

40   18   26   53

2. Color the similar figures with the same color.

3. Put the numbers in their correct places.

6 and 16    0 and 1

16 is greater than 6    0 is less than 1

4. Arrange in a descending order.

74 87 25 16 47

The order is 87 74 47 25 16

5. Youssef bought 3 big water bottles and 5 small water bottles.

How many water bottles did Youssef buy in all?

The number of all bottles

= 3 + 5 = 8 bottles.

6. Join to get 10.

7 1 3 8 4 0    2 3 10 9 5 6

## Page 71

7. Write a suitable number. (Answers may vary)

6 > 5    19 = 19    13 > 12

10 < 11    2 = 2    6 < 7

8. Find the difference between.

6 and 1

6 − 1 = 5

2 and 0

12 − 9 = 3

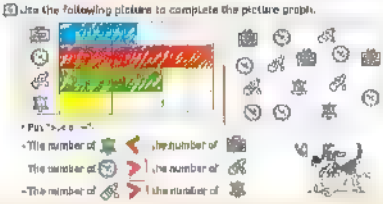
9. Count by tens.

10 20 30 40 50 60 70 80 90 100

10. Write the times shown in two ways.

6 o'clock 06:00    2 o'clock 02:00    9 o'clock 09:00

11. Use the following picture to complete the picture graph.



- Put "> < or =".
- The number of < the number of
- The number of > the number of
- The number of > the number of

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## Assessment 3

1 Complete with the suitable number.

55 comes just before 54 — 17 is 1 more than 16

82 comes just after 81 — 19 is 1 less than 20

2 Put "+ or −".

7 + 3 = 10

9 − 1 = 8

3 Arrange in an ascending order.

(34), (43), (9), (99), (10)

the order is: 9, 10, 34, 43, 99

4 Write the missing numbers in each number line.

0, 1, 2, 3, 4, 5

0, 1, 2, 3, 4, 5

0, 1, 2, 3, 4, 5

5 Circle the objects having the same shape ( , , ).

6 Find the results.

5 + 2 = 7 — 13 − 4 = 9

| 6 | 8 | 11 |
|---|---|---|
| + 3 | − 7 | − 1 |
| 9 | 1 | 10 |

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7 Mogy has 8 pencils. Ahmed has 3 pencils.
How many more pencils does Mogy have than Ahmed?
The difference =
= 8 − 3 = 5 pencils.

8 Circle the clock that shows 4 o'clock.

• Write the time on the digital clock.

04:00

9 Complete the missing numbers.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

10 Color to show how many of each item.

• Circle which item there is the most of.

• Circle which item there is the least of.

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## Assessment 4

1 Circle the chairs which have 3 legs.

2 Draw to show the same number of as .

• Choose :

• The number of is the number of

is greater than is less than is equal to

3 Put ">, < or =".

Five > 7 − 3

6 + 2 = 6 + 4

17 − 8 < 6 + 7

5 − 5 < One

4 Draw the hour hand on the clock faces. Write the time on the digital clock.

2 o'clock — 02:00

11 o'clock — 11:00

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5 Write the number that comes just before.

14, 15 — 67, 68 — 29, 30 — 92, 93

6 Write a pair of addition and subtraction facts for each group of numbers.

| | | |
|---|---|---|
| 7 | 3 + 7 = 10 | 7 + 3 = 10 |
| 3 | 10 − 3 = 7 | 10 − 7 = 3 |
| 10 | | |
| 1 | 1 + 4 = 5 | 4 + 1 = 5 |
| 4 | 5 − 1 = 4 | 5 − 4 = 1 |
| 5 | | |

7 Draw 3 more , count, then write the total number.

14

20

8 Color to show how many of each item.

• Put ">, < or =".

• The number of < the number of

• The number of > the number of

• The number of < the number of

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## Assessment 5

1 Write the missing numbers of each.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |

2 Amir has 5 red fish. He also has 3 yellow fish.
How many fish does he have in all?
Amir has = 5 + 3 = 8 fish.

3 Join the equal results.

| | |
|---|---|
| 8 − 2 | 2 + 1 |
| 4 + 1 | 1 − 0 |
| 6 − 3 | 3 + 3 |
| 2 + 2 | 9 − 1 |
| 5 + 3 | 10 − 5 |

4 Cross out the item does not belong in each row.

5 Complete with a suitable number (Answers may very)

| | |
|---|---|
| 6 > 5 | 10 < 11 |
| 8 = 4 | 2 > 1 |

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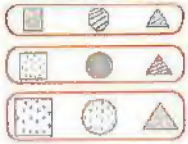
6 Write the times in two ways.

5 o'clock — 05:00

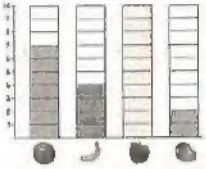
10 o'clock — 10:00

7 Circle the items having the same size (Large - Medium- Small).

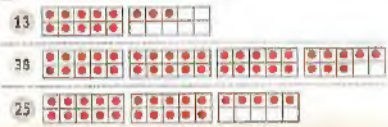


8 Complete the table.

| Fruits | Number |
|---|---|
| | 7 |
| | 4 |
| | 10 |
| | 2 |



9 Show the numbers in ten frames.

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## Assessment 6

1 Put the numbers in their correct places.

26 is greater than 24 — 38 is less than 37

2 Arrange in a descending order.

25 , 8 , 37 , 20 , 93

The order is: 93 . 37 . 25 . 20 . 8

3 Add or subtract.

| | | | | |
|---|---|---|---|---|
| 14 − 13 = 1 | 10 + 5 = 15 | 6 − 0 = 6 | 1 + 4 = 5 | 7 − 1 = 6 |

8 − 8 = 0 | 10 − 10 = 10 | 4 + 7 = 11

4 Draw ● according to the number.

5 Write (✓) to the correct statement and (✗) to the incorrect statement.

a. 9 + 12 = 17 ( ✗ ) | b. 14 + 5 = 19 ( ✓ )
c. 37 is 1 more than 36 ( ✓ ) | d. 7 − 4 = 0 + 4 ( ✗ )

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6 Write the number that comes just after.

70 71 | 24 25 | 58 59 | 36 37

7 Amged is 9 years old. His brother Bassem is 6 years old.
Find the difference between their ages.
The difference = 9 - 6 = 3 years.

8 Show the time 11:00 in two ways.

11 o'clock

9 Complete the dots to get 10.

10 Color the objects with the same shape in the same color.

11 Color and tick for each item.

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## Assessment 7

1 Write a pair of addition and subtraction facts for each group of numbers.

| 4 | 6 | 10 |
|---|---|---|
| 4 + 6 = 10 | | |
| 6 + 4 = 10 | | |
| 10 − 4 = 6 | | |
| 10 − 6 = 4 | | |

| 7 | 2 | 9 |
|---|---|---|
| 2 + 7 = 9 | | |
| 7 + 2 = 9 | | |
| 9 − 2 = 7 | | |
| 9 − 7 = 2 | | |

2 Write the missing numbers.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

3 Circle the picture that is different.

4 Put "+" or "−".

6 + 2 = 8
9 − 4 = 3
0 + 5 = 5
9 − 7 = 2

5 Circle the greater number.

6 Circle the smaller number.

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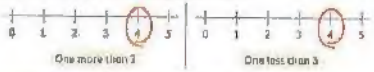
7 Circle the correct number on each number line.




8 Complete with a suitable number.

6 < Seven
35 = 35
40 > 39
Eighteen < 19

9 Read the time on analog clock, then show the time in two ways.

6 o'clock — 06:00
1 o'clock — 01:00

(Answers may vary)

10 Use the following pictures to complete the picture graph.

* Choose :
- The item has the most number is of.
- The item has the least number is of.

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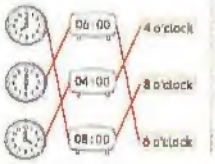
## Assessment 8

1 Complete with a suitable number.

25 comes just after 24
50 comes just before 51
40 is 1 more than 39
16 is 1 less than 17

2 Match.




3 Put ">", = or <".

Seven < Seventeen
2 + 10 = 16 − 4
Thirteen < 5 + 9
20 − 5 < Eighteen

4 Rona has 3 balls and her brother Cyril has 3 balls.
How many balls are there in all ?
The number of balls = 2 + 5 = 7 balls.

5 Cross out the item does not belong in each row.

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6 Show the numbers in ten frames.

34
57
25

7 Circle the items having the same shape (circles, squares,triangles).

8 Find the results.

| 15 | 9 | 8 |
|---|---|---|
| + 5 | − 7 | + 4 |
| 20 | 2 | 12 |

3 − 3 = 0
8 + 4 = 10
2 + 16 = 18
17 − 3 = 14

9 Color to show how many of each item.

* Choose : - The item there is the least of.
- The item there is the most of.

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## Assessment 9

1 Complete with a suitable number.

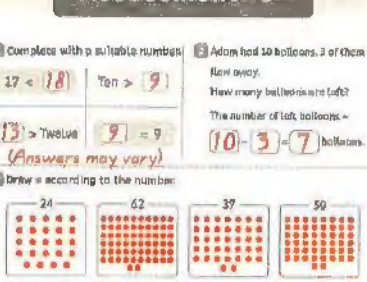
17 < 18 | Ten > 9

13 > Twelve | 9 = 9

(Answers may vary)

2 Adam had 10 balloons. 3 of them flew away.
How many balloons are left?
The number of left balloons =
10 - 3 = 7 balloons.

3 Draw ● according to the number.




4 Count by 10's.

5 Write the time on the analog clock in two ways.

10 o'clock

10:00

6 Complete the missing numbers.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |

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7 Arrange in an ascending order.

29 , 8 , 14 , 91 , 55

The order is: 8 , 14 , 29 , 55 , 91

8 Complete.

a. 37 comes just after 36

b. 49 comes just before 50

c. 26 is 1 more than 25

d. 73 is 1 less than 74

9 Match to get 10.

10 Find the results.

| 2 + 1 | 7 - 7 | 9 + 5 |
|---|---|---|
| 3 | 0 | 14 |

12 + 5 = 17 | 4 - 0 = 4

10 - 8 = 10 | 6 + 6 = 12

11 Use the following picture to complete the picture graph.

- Put ">, <, or =".
- The number of ▲ > the number of ■
- The number of ● > the number of ★
- The number of ■ < the number of ●

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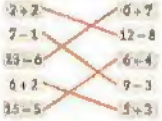
## Assessment 10

1 Draw more ♥ to show the written number.

2 Join the equal results.

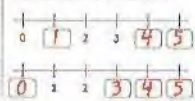



3 Color the similar objects with the same color.

4 Show the time 5 o'clock in the digital and analog clocks.

05:00

5 Complete the number line.




6 Put the numbers in their correct places.

9 and 14
9 is less than 14

5 and 8
8 is greater than 5

16 and 10
10 is less than 16

19 and 12
19 is greater than 12

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7 Write a pair of addition and subtraction facts for each group of numbers.

| 8 | 2 | 10 |
|---|---|---|
| 2 + 8 = 10 | | |
| 8 + 2 = 10 | | |
| 10 - 2 = 8 | | |
| 10 - 8 = 2 | | |

| 4 | 5 | 9 |
|---|---|---|
| 4 + 5 = 9 | | |
| 5 + 4 = 9 | | |
| 9 - 4 = 5 | | |
| 9 - 5 = 4 | | |

8 Circle the different item in each row.

9 Yesera has 3 oranges and Hany has 4 oranges.
How many oranges do they both have?
They both have =
3 + 4 = 7 oranges

10 Color one box for each item to show how many.

- Circle:
- Which item there is the most of?
- Which item there is the least of?